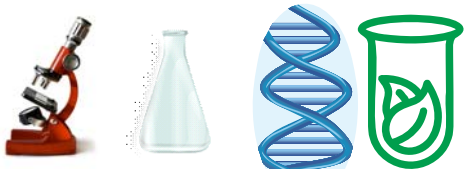
Ministero della Salute

DIPARTIMENTO DELL'INNOVAZIONE

DIREZIONE GENERALE RICERCA SCIENTIFICA E TECNOLOGICA

Bando Giovani Ricercatori 2008



Commissione Nazionale Ricerca Sanitaria

Roma 17 Marzo 2010

BANDO GIOVANI RICERCATORI 2008

Elenco Documentazione

1. Chiusura del sistema – Elenco applicazioni - Rapporti NIH – Fasi integrazione codifica NIH con quella del Ministero
2. Sintesi della procedura – Rapporti con NIH
3. Classificazione finale con chiavi NIH –CSR
4. Elenco revisori NIH – CSR e gestione loro associazione ai progetti
5. Decreto Istituzione Commissione Valutazione e decreto di modifica
6. Verbale Comitato di Valutazione
7. Elenco Commenti del Comitato di Valutazione
8. Graduatoria finale del Comitato di Valutazione

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1133530	The IL-7/IL-7 receptor axis in T cell memory in type I diabetes mellitus and islet allo-transplantation		immunologia	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**
GR-2008-1133544	Multifunctional nanoparticle therapeutics as new treatment modality for cancer.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1133562	Mental retardation and neurodevelopment: from disease-genes to systems biology	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**GGG**	**GCAT**
GR-2008-1133567	Branched neutotensin derivatives for tumor targeting	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1133570	17 Biologia dello sviluppo e biologia molecolare del medulloblastoma		NEURO-ONCOLOGIA	Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**
GR-2008-1133576	Construction of a Ultra-Low-Field Magnetic Resonance Imaging scanner for brain investigations and domicilar imaging applications		Neuroscienze	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**SBIB**	**BMIT**
GR-2008-1133581	A multidisciplinary study on frontotemporal lobar degeneration: proteomics, genetics and their implication for families and therapeutic strategies	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**ifcn**	**SCS**
GR-2008-1133604	Adiposity of the heart: a possible role of epicardial fat and intramyocardial lipid accumulation and their relationship in obesity-specific cardiomyopathy		CARDIO-METABOLICA	Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**

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GR-2008-1133620	Role of fibroblasts in celiac disease	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cgip**
GR-2008-1133639	Transcranial stimulation - a new tool in cognitive neurorehabilitation: genomic, neurophysiological, and neuroimaging evidence	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1133654	Knocking down inflammation in mammary carcinogenesis: a new target for breast cancer therapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1133655	Biomarkers for differential diagnosis and personalized treatments in mood disorders.	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**COG**
GR-2008-1133662	Spirituality, cognitive and emotional components of empathy in patients with frontotemporal dementia and severe mental disorders	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**
GR-2008-1133666	Permeation properties of mycobacteria outer membrane proteins: a computational study	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**BST**	
GR-2008-1133773	Molecular crosstalks between apoptosis and EMT in cancer development and progression	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1133792	STATINS IN THE PREVENTION OF DISEASE PROGRESSION IN PATIENTS WITH PRIMARY SCLEROSING CHOLANGITIS.		HEPATOLOGY	Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**CIGP**

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GR-2008-1133805	Characterizaion of pathogenetic mechanisms as practical tools in the diagnosis, surveillance and therapy of cholangiocarcinoma	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1133806	New prognostic tools of cardiovascular events in prosthetic heart valve implanted patients.	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**CVRS**	**CCHF**
GR-2008-1133819	Preferentially Expressed Antigen of Melanoma (PRAME) as molecular marker and immunotherapeutic target to improve a disease free-survival in patients with Non-Hodgkin's Lymphoma .	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1133848	Role of Diabetes and Oxidative Stress in the development of Renal Cell Carcinoma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1133867	Biomateriali ispirati a proteine elastomere/Elastomeric protein-inspired biomaterials	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (b) Biochemistry and Chemistry (including drug discovery and assay development)	**BCMB**	**BBM**
GR-2008-1133929	A phylogenetic and pathogenetic study on betanodavirus, the causative agent of viral encephalo-retinopathy, in wild and cultured fish with development of prophylactic measures by means of passive immunization and DNA vaccination.	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1133987	Three dimensional dosimetry for radiotherapy by means of optically detected Fricke gel	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**

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GR-2008-1133991	The extracellular matrix protein EMILIN1 as a determinant in the pathogenesis of lymphedema: a basis for new therapeutic approaches		Patologia vascolare/vascular pathology	Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1134010	Discovery of new pharmacological tools to prevent excitotoxic damage and neuronal death in neurodegenerative disorders	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1134028	Characterization of gastric tumor derived stem cells: new diagnostic markers and therapeutic applications	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1134032	ENDOPLASMIC RETICULUM STRESS AS A NEW DETERMINANT OF DIABETIC FOOT ULCERS. EVALUATING A NEW RATIONAL THERAPEUTIC APPROACH BASED ON CHEMICAL CHAPERONES.		complicanze del diabete di tipo 2	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**CIGP**
GR-2008-1134059	Pathogenesis of uterine fibroids: involvement of the growth factors activin and myostatin.	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**CMIR**
GR-2008-1134072	Mechanisms and circumvention of chemotherapy resistance in ovarian cancer: endothelin A receptor blockade for an effective targeted therapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**dt**
GR-2008-1134079	Il ruolo dello stress del reticolo endoplasmico nell'insulino resistenza nel tessuto muscolare e nell'endotelio e nella funzionalità della beta-cellula pancreatica	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**

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GR-2008-1134103	Designing strategies to target cancer stem cells: a study on the molecular bases of mitotic spindle coupling to polarity cues in mammalian asymmetric divisions.	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**CB**	**csf**
GR-2008-1134107	Post-Menopausal Women¿s Health Network: A Novel Approach to Proactive Prevention and to Research for Chronic Disease	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1134112	Renal stem cells as novel therapeutic tools in acute and chronic renal injury	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cmbk**
GR-2008-1134116	Integration of clinical criteria with diagnostic instruments for the differentiation of dementia subtypes	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CDIN**
GR-2008-1134127	The role of adipose tissue in the pathogenesis of obstructive sleep apnea syndrome	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**cido**
GR-2008-1134137	Magnetic Resonance Imaging In Patients With Active Implantable Medical Devices: Definition Of Safety Conditions And Procedures		Imaging e Risonanza Magnetica	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1134158	Safety assessment of emerging Assisted Reproduction Technologies (ART)	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (f) Developmental Biology	**BDA**	**ASG**
GR-2008-1134159	Ex vivo effects induced by tissue transglutaminase 2 inhibition in celiac disease	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cigp**

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GR-2008-1134165	Health care expenditures for HIV-infected patients treated with new antiretroviral drugs as salvage therapy	valutazione costi terapia		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1134172	Toward personalized medicine: investigating antidepressant efficacy and the underlying molecular mechanisms in a gene by environment interaction perspective	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**COG**
GR-2008-1134247	Development of new pharmacological approaches for the treatment of rheumatoid arthritis: in vivo and in vitro studies	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1134294	Secretases, myelin and neurodegenerative diseases	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**IFCN**	**SMI**
GR-2008-1134371	Functional connectivity magnetic resonance imaging in cerebral diseases	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1134378	Development of an High efficiency scansion-based communication device for patients with severe motor disabilities	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1134408	Development of methodologies for improving diagnostic and predictive capabilities of DCE-MRI of the rectal cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1134478	Investigating the molecular mechanisms leading to genome instability in tumours: role of the replication stress response pathway and its potential for early diagnosis and target therapy of cancer	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1134482	MicroRNAs and rare pediatric liver tumors		Tumori rari	Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**

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GR-2008-1134486	Therapeutic application of mesenchymal stem cells in pre-clinical models of vascular stenosis	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**AICS**
GR-2008-1134490	Cattle colonisation by VTEC O157: Evaluation of monoclonal antibodies (MAbs) directed against bacterial adhesion factors as tools for reducing carriage and shedding		Microbiologia	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**CRFS**
GR-2008-1134491	A multidisciplinary approach for the discovery of a novel class of protein-protein interaction inhibitors targeting latently HIV-1 infected reservoirs. A brand new strategy for HIV-1 eradication.	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1134495	Assessment of an adaptive response in patients with thyroid diseases after iodine-131 metabolic therapy	basic research aimed at developing individaully tailored treatment		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1134502	Mitochondrial Optic Neuropathies: clinical, genetical, pathogenetical, and epidemiological aspects.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1134503	From painful migration to a possible integration. Intensive multidisciplinary study of psychological, cultural and social factors involved in the process of rehabilitation of a population of trafficked women	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**RPHB**	**PDRP**
GR-2008-1134538	Remote Care Services over the DVB-T Platform	Servizi al cittadino, accessibilità/Accessibility		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BCHI**

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GR-2008-1134545	Pharmacological targets in neurodegenerative pathways: from Frontotemporal Lobar Degeneration to Alzheimer Disease	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**SCS**
GR-2008-1134564	Cognitive group therapy an exercise as adjunctive therapy for depressive disorders in primary care: new models for the treatment of mood disorders	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BBBP**	**APDA**
GR-2008-1134569	Alzheimer Disease: semantic network, knowledge system loss and early diagnosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1134593	Mitochondria involvemente in the pathogenesis of Spinocerellar Ataxia type 1	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**NCF**
GR-2008-1134600	Toxicogenomics and preventive medicine. Studies applied to occupational and environmental health.	MEDICINA DEL LAVORO		Basic Sciences & Novel Technologies (d) Genomics, Proteomics, and their Applications to Systems Biology	**RPHB**	**BMIO**
GR-2008-1134601	Engineered Polymer Scaffolds for Dermis Regeneration with Angiogenesis	GRANDI USTIONI		Other Specialized Medical Science (e) Dermatology	**BST**	
GR-2008-1134625	New therapeutical approaches to RANKL-dependent Autosomal Recessive Osteopetrosis	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**MOSS**	**ACTS**
GR-2008-1134635	Evaluation of pulmonary risks from exposure to chlorination products in indoor swimming pools.	PNEUMOLOGIA/PNEUMOLOGY		Cardiovascular and Respiratory Sciences - (d) Lungs (including molecular, cellular, transport, translation research)	**PSE**	**CASE**

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GR-2008-1134636	new molecular targets for prognostic definition and therapeutical intervention in prostate cancer progression	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1134640	New antimicrobial agents targeting antibiotic resistance mechanisms and novel or underexploited targets	Ricerca di base/Basic Research		Immunology and Infectious Diseases (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IDM**	**DDR - Drug**
GR-2008-1134644	Gamma irradiation of dried fruits: evaluation of biohazardous pollutants (pesticides and mycotoxins), of moulds and fungi reduction, and investigation on nutritional modifications	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1134659	Biosafety of in vitro expanded human osteocartilagineous cells for regenerative medicine: molecular markers of transformation risk	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1134667	Identification of defects in hippocampal function in Alzheimer's mouse models and evaluation of novel rescue therapies.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**SMI**
GR-2008-1134668	Immigrant and Italian HIV-positive individuals: two population in comparison	Studi osservazionali di casistica		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**AARR**	**ACE**
GR-2008-1134669	Toll-like receptors in chronic B cell malignancies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**bcss**
GR-2008-1134675	Design of modular systems for diagnosis and therapy of human cancers	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**dt**

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GR-2008-1134679	Cellular proliferation control through the inhibition of cell cycle negative regulators: in vivo and in vitro applications		Tissue Repair and Regenerative Medicine	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**CB**	**mist**
GR-2008-1134760	Dissetting the role of autophagy in HCV infection	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1134761	HITS (Health technology assessment for an In-hospital Telerehabilitation Service)	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1134781	A system biology approach to protein shedding in inflammatory disorders		PROTEOMICA	Basic Sciences & Novel Technologies - (d) Genomics, Proteomics, and their Applications to Systems Biology	**BST**	
GR-2008-1134792	A novel bioreactor for bladder tissue engineering. Is the scaffold becoming unnecessary?	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**SBIB**	**BTSS**
GR-2008-1134796	Aberrant gene expression and muscular dystrophy: role of the epigenome in the pathogenesis and potential therapies.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**
GR-2008-1134809	Novel ECG-derived phenotypes of atrial fibrillation	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**esta**
GR-2008-1134810	Role of uPAR in the epidermal stem cell compartment	Ricerca di base/Basic Research		Other Specialized Medical Science (e) Dermatology	**CB**	**csrs**

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GR-2008-1134821	Negative modulation of nicotinic acetylcholine receptor by PPAR-alpha as a novel therapeutic target in autosomal-dominant nocturnal frontal lobe epilepsy.	Ricerca preclinica/Preclinic reasearch		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**BPNS**
GR-2008-1134838	FUNCTIONAL AND MOLECULAR CHARACTERIZATION OF CANCER STEM CELLS FROM HUMAN BRAIN TUMORS: IDENTIFICATION OF NOVEL THERAPEUTIC TARGETS BY INNOVATIVE BIOINFORMATIC APPROACHES	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**BST**	
GR-2008-1134854	Innovative Technologies in Mental Retardation Genetics (ITER)	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1134870	Targeting the limitless replicative potential of cancer: the telomerase/telomere pathway		target therapy	Neuroscience - (b) Molecular and Cellular Neuroscience	**OBT**	**CAMP**
GR-2008-1134871	Epidemiological evaluation of health status, drug prescriptions and pediatric care in the Italian pediatric population	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**PSE**	**BGES**
GR-2008-1134883	Mesenchymal stem cells from umbilical cord blood: optimizing expansion and cryopreservation protocols		cell therapy	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**BST**	
GR-2008-1134887	The clinical role of risk biomarkers and genetic polymorphisms of drug-metabolizing enzymes in breast cancer chemoprevention with tamoxifen: towards the implementation of individualized medicine	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**cbss**
GR-2008-1134888	Tobacco-free program: formazione degli operatori sanitari e attivazione di centri anti-fumo - Tobacco-free program: healthcare workers' training and creation of smoking cessation clinics	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**HSOD**

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GR-2008-1134899	Human Immunoagents for the Therapy of Mammary Carcinoma	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1134902	PROTEOMIC INVESTIGATION ON MICE FOLLOWING ADMINISTRATION OF GROWTH-PROMOTING AGENTS		PROTEOMICA e SOSTANZE ANABOLIZZANTI	Basic Sciences & Novel Technologies - (d) Genomics, Proteomics, and their Applications to Systems Biology	**bst**	
GR-2008-1134986	NEW MULTIDISCIPLINARY STRATEGY FOR DRUG DISCOVERY IN NEURODEGENERATIVE DISEASES	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1135011	Effectiveness and tolerability of long-acting risperidone versus long-acting perphenazine in subjects with schizophrenia	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1135012	The role of microRNA-221 in hepatocarcinogenesis: a new prognostic tool and a possible target for non-conventional treatment of hepatocellular carcinoma.	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1135058	STUDY OF THE ROLE OF CARDIAC DYSFUNCTION IN THE PATHOGENESIS OF HEPATORENAL SYNDROME IN PATIENTS WITH ADVANCED CIRRHOSIS	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1135082	Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**CIGP**
GR-2008-1135117	Role of lung cancer initiating cells in prognosis and chemoresistance	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**

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GR-2008-1135131	Prevention and treatment of age-related diseases: efficacy of physical activity	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**BBBP**	**apda**
GR-2008-1135132	Molecular mechanisms of renal damage mediated by contrast medium	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**ukgd**
GR-2008-1135142	Follow-up & Family Screening package for improvement the quality of hospital clinical services and the accountability of system: a innovative application designed to facilitate the follow-up management and to increase of prevention activities of oncologic	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bmrd**
GR-2008-1135180	A role for calcium dysregulation in Alzheimer's disease: bridging between experimental models and humans	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1135199	Experimental therapy of prion diseases: an intracellular antibody-based approach	Ricerca preclinica/Preclinic reasearch		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1135284	Molecular and pathogenetic mechanisms of two neurologic diseases associated to mutations of mitochondrial transporter genes	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMBG**
GR-2008-1135288	From genome to proteome in laminopathies		Clinical Proteomics	Basic Sciences & Novel Technologies - (d) Genomics, Proteomics, and their Applications to Systems Biology	**BST**	
GR-2008-1135301	Exploring induced pluripotent stem cells for heart failure treatment	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**

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GR-2008-1135311	Reducing Parkinson's Disease Neurodegeneration Using Protective Factors Produced by Autologous Engineered Fibroblasts	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**IFCN**	**SMI**
GR-2008-1135312	Molecular and cellular characterization of TSC gene-mediated rare diseases: TSC and LAM.	Malattie rare/Rare diseases		Oncology (b) Molecular and Cellular Level Oncology	**OBT**	**CAMP**
GR-2008-1135330	Role of 64-slice CT in the detection of significant coronary artery disease in intermediate-to-low risk population.		CARDIO-RADIOLOGIA	Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**CVRS**	**CCHF**
GR-2008-1135334	Development and Validation of Neuroimaging Markers of Alzheimer's Disease in Animal and Human Research	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1135343	Development of a rapid pen-side test for the diagnosis of parapoxvirus infections in animals and humans	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1135344	New treatments direct to human breast cancer stem cells	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1135388	RAS signalling dysregulation and cognitive functions	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**IFCN**	**cog**
GR-2008-1135392	DEVELOPMENT OF NEW GENOTYPIC AND PHENOTYPIC ASSAYS FOR THE ANALYSIS OF DRUG RESISTANCE IN HIV-1 INFECTED PATIENTS TREATED WITH INTEGRASE INHIBITORS. SYNTHESIS AND EVALUATION OF NEW COMPOUNDS AGAINST HIV RESISTANT VARIANTS.	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	

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GR-2008-1135399	Point mutations in Human DNA Topoisomerase I that induce drug resistence: a prospective study	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1135436	Innovative molecular tools for the diagnosis and the epidemiology of imported malaria in Italy	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1135490	The dystroglycan complex in congenital muscular dystrophies with nervous system involvement: towards the standardization of novel molecular diagnostic protocols.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**SMI**
GR-2008-1135491	Redox proteomics for the identification of novel mechanicistic and diagnostic markers of human heart failure: focus on oxidatively modified proteins	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1135545	Serotonina, zonulina, interleuchine e leucotrieni nelle reazioni avverse agli alimenti / Serotonin, zonulin, interleukins and leucotrienes in adverse food reactions	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**xnda**
GR-2008-1135552	Evaluation of a clinical and genetic protocol for the diagnosis of autism spectrum disorders (ASDs)	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**bbbp**	**cpdd**
GR-2008-1135574	Dialysis treatment optimization by means of single patient hydro-electrolytic equilibrium modeling	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1135596	Effect of polyphenols-rich extra virgin olive oil on childhood obesity: making the connection between inflammation, insulin resistance and iron deficiency	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**CIGP**

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GR-2008-1135610	Clinical usefulness of preoperative fMRI and DTI: Applications to Temporal Lobe Epilepsy		Neuroradiologia	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1135611	Purinergic signalling as a therapeutic mechanism of T reg cells-induced immunoregulation in Multiple Sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**MNPS**
GR-2008-1135624	Testing the effectiveness of a drug abuse preventive program through wastewater analysis, a novel approach to estimate drug consumption in a community		Interventi di prevenzione, tossicodipendenze	Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**RPIA**
GR-2008-1135635	Preclinical evaluation of the NAMPT inhibitor FK866 for the treatment of autoimmunity and lymphoblastic leukemia	Ricerca preclinica/Preclinic reasearch		Oncology (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**
GR-2008-1135636	Menopausal women's health: a multidisciplinary approach	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1135643	In vivo screening for genes inducing neural tumors and development of animal models for assaying innovative therapies for gliomas	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1135644	Innovative diagnostic approach and molecular definition of Merkel cell carcinoma	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**OBT**	**camp**
GR-2008-1135652	Screening Asymptomatic Patients With Diabetes for Unknown Coronary Artery Disease: Does it Reduce Risk? An Open-Label Randomized Trial Comparing a Strategy Based on Exercise Testing Aimed at Revascularization with Management Based on Pharmacological/Beha	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**

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GR-2008-1135672	Autophagy modulation as target to develop novel pharmacological approaches for mitochondrial disorders	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1135679	EPIGENETIC BASIS OF DUCHENNE CARDIOMYOPATHY: IDENTIFICATION OF NOVEL THERAPEUTIC TARGETS	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1135683	Role of IL-21 and IL-23 in the pathogenesis of acute graft-versus-host disease after allogenic bone marrow transplantation	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**imm**	**ttt**
GR-2008-1135684	Development of a diagnostic system based on nanoparticles for in vivo detection of misfolded protein (PrPSc) in biological fluids from scrapie affected ovine	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1135685	ASSESSMENT OF CANCER-ASSOCIATED EPIGENETIC PROFILES FOR EARLY DIAGNOSIS OF HUMAN TUMORS.	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1135708	Mental disturbances in Parkinson's Disease: from accurate diagnosis to treatment optimization	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**SMI**
GR-2008-1135712	11C-Choline PET/CT as Image Guide for radiotherapic treatment of prostate cancer recurrent lymphnodes	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**SBIB**	**bmit**
GR-2008-1135714	Development of a new fast chemosensitivity test for cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1135724	Neurofunctional assessment of patients with low levels of consciousness	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnnt**

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GR-2008-1135728	Clinical and therapeutic problems in patients affected by gender identity disorder (GID)	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**RPHB**	**PDRP**
GR-2008-1135747	Definition of the tumor cytokine profile in gastric and rectal cancer for the prediction of tumor responsivness to preoperative chemoradiotherapy (pCRT)	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1135753	Diabetic wound healing: analysis of functional alterations and identification of new therapeutic targets for diabetic ulcer treatment	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**EMNR**	**cido**
GR-2008-1135772	Artificial Neural Network in development of Innovative Diagnostic systems for Atherosclerotic disease: the ANN-IDA project	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**AICS**
GR-2008-1135776	Prevention and Therapy of Hepatocellular Carcinoma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**dt**
GR-2008-1135780	APPLICATION OF A NON-INVASIVE NEW METHOD FOR BRAIN RHYTHMS STUDY /APPLICAZIONI DI UNA NUOVA METODICA NONINVASIVA PER LO STUDIO DEI RITMI CEREBRALI	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1135796	Psychological impact of risk management strategies on women who recived the genetic test result for genomic brca1/2 mutations	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**PSE**	**BGES**

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GR-2008-1135826	Assessment of neuropsychological and neurobiological damages of nicotine abuse	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1135837	Primary prevention study: cardiovascular risk evaluation of children of patients affected by premature coronary artery disease	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cdd**
GR-2008-1135856	Cerebellar ataxias and potassium channels: the role of Aldolase C	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**BPNS**
GR-2008-1135879	Genomic approaches to treating Respiratory Infections		BACTERIAL INFECTIONS	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**GGG**	**GHD**
GR-2008-1135883	GENETICS AND INFLUENZA VIRUS INFECTION: IMPACT ON DISEASE SEVERITY, THE RESPONSE TO INFLUENZA VACCINATION, AND THE EFFICACY OF ANTIVIRAL THERAPY IN CHILDHOOD	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**PSE**	**BGES**
GR-2008-1135973	Epigenetic regulation of transcription in cellular differentiation and cancer formation	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CE**
GR-2008-1136012	Impact of Obesity on Cardiovascular Disease: Role of Innate Immunity, Inflammation and Oxidative Stress		Malattie Cardiovascolari e Metaboliche	Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**

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GR-2008-1136020	Identification of diagnostic and therapeutic targets for Nucleotide Excision Repair defective syndromes.	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BDA**	**ASG**
GR-2008-1136024	Implementation and validation of a protocol of three-dimensional kinematic analysis and of a computational model for the functional evaluation of the lumbar spine for patients subjected to different therapeutic and rehabilitative techniques and technologi	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MRS**
GR-2008-1136043	Metabolic Syndrome in Women: prevention of metabolic, cardiovascular and oncological complications	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1136044	Mannose Binding Lectin, a Potential New Target for Stroke Therapy: Biochemical, in Vitro and in Vivo Experimental, and Clinical Approaches to Define its Role in Ischemic Injury.	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1136102	General anesthesia versus local anesthesia for percutaneous aortic valve implantation: a multicentre, randomized trial	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**vh**	**VCMB**
GR-2008-1136140	Role of Arrhythmia-Susceptibility Genes in Neonatal Long QT Syndrome, Sudden Infant Death Syndrome and Intrauterine Fetal Death	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**esta**
GR-2008-1136155	Reperfusion strategies for the infarcted myocardium: anti-arrythmic effect of ischemic postconditioning	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**mim**

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GR-2008-1136156	Modulation of ER stress as a therapeutic approach in hereditary neuropathies	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1136171	Gene expression, RNA silencing and proteomics longitudinal analysis in patients with Multiple Sclerosis: identification of new tools to predict therapy response	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1136176	GSS linked to P102L mutation in the PRNP gene: founder effect and phenotype variability	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1136178	TOWARDS AN INNOVATIVE THERAPEUTIC TREATMENT OF ECTRODACTYLY-ECTODERMAL DYSPLASIA-CLEFTING (EEC) SYNDROME USING ALLELE-SPECIFIC RNA SILENCING		TERAPIA GENICA	Basic Sciences & Novel Technologies - (a) Cell Biology (trafficking, organelles, networks, cellular imaging)	**BST**	
GR-2008-1136182	Role of Tie-2 Expressing Monocytes (TEMs) and Endothelial Progenitor Cells (EPCs) in Retinal and Choroidal Neovascularization	OCULISTICA/OPTHALMOLOGY		Other Specialized Medical Science - (a) Eye and Vision Research	**cb**	**bdpe**
GR-2008-1136210	Targeting Autophagy in Cancer Therapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1136211	Robotic Rehabilitation therapy in neurological disabilities		Neuroriabilitazione Pediatrica	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MRS**
GR-2008-1136236	A multi-site RCT comparing regional and general anaesthesia for effects on neurodevelopmental outcome and apnoea in infants		Pediatric Anesthesia	Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**SBIB**	**BTSS**

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GR-2008-1136241	Primary biliary cirrhosis and systemic sclerosis: the role of TGF beta polymorphisms and gene expression	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1136245	CONGENITAL MUSCULAR DYSTROPHIES. FROM DIAGNOSTIC PROTOCOLS TO PATHOGENETIC MECHANISMS FOR THERAPEUTIC STRATEGIES.		malattie neuromuscolari	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**DKU**	**CMBK**
GR-2008-1136254	Role of extracellular nucleotides and immunosuppressive cells in neuroectodermal tumor microenvironment: therapeutic implications	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**dt**
GR-2008-1136255	Circulating biomarker-based diagnostics to be applied in neuro-oncology clinic		NEURO-ONCOLOGY	Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**BMCT**
GR-2008-1136260	Therapeutical approaches for diabetes due to the proteotoxic effect of misfolded insulin.	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**EMNR**	**cido**
GR-2008-1136267	Role of calcium signaling in tumoral angiogenesis	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**ce**
GR-2008-1136271	Crustaceans food allergy and house dust mite sensitization: clinical evaluation, identification of cross reactive proteins and determination of useful markers for an accurate food allergy diagnosis	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1136290	Brain and Language Open Database (BLOD) For Aphasia Diagnosis and Rehabilitation	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**

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GR-2008-1136291	New predictors of cardiovascular disease and their role in acute coronary syndromes	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**mim**
GR-2008-1136371	FUNDIBRECA Funcional diagnosis of breast cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**BMCT**
GR-2008-1136372	Role of the scaffold molecule KSR2 in hyperinsulinemia and immune cell deficiency associated to obesity: studies in mice models and humans	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**cado**
GR-2008-1136378	MCL-1: DEFINITION OF MOLECULAR MECHANISMS INVOLVED IN THE ANTIAPOPTOTIC EFFECT AND IDENTIFICATION OF NEW FUNCTIONS	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**MONC**
GR-2008-1136379	Unravelling the mechanisms of the ERp44/ERGIC-53/Ero1 pathway to impact genetic diseases and ER Storage Disorders	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**BPNS**
GR-2008-1136380	Identification of specific markers of Hepatocellular carcinoma (HCC) cancer stem cells (CSCs) and development of targeted therapies for this liver compartment.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1136381	USO POTENZIALE DEL CARBOSSIAMIDOTRIAZOLO (CAI) PER IL TRATTAMENTO DI FORME DI LEUCEMIA MIELOIDE CRONICA (LMC) RESISTENTI ALL¿IMATINIB	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**BMCT**
GR-2008-1136382	Sviluppo di nuove metodologie diagnostiche	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BHCI**

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GR-2008-1136383	Effects of neuroactive drugs on aging and cognitive deficit	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**BDCN**	**npas**
GR-2008-1136404	Autophagy as a therapeutic strategy in neurodegeneration and neuropathic pain.	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**IFCN**	**COG**
GR-2008-1136405	The role of HIV-1 Nef in neuroAIDS development: identification of predictive biomarkers and novel therapeutic targets	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1136409	RESTART OF ADULT HEPATOCYTES THROUGH REGENERATING SIGNALS: A CHALLENGE FOR LIVER TRANSPLANTATION		MEDICINA RIGENERATIVA/REGENERATIVE MEDICINE	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**DKU**	**hbpp**
GR-2008-1136414	Role of aberrant cell cycle induction in Alzheimer's disease: genetics, RNA expression and silencing for the identification of novel therapeutic targets	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1136418	Role of Chromatin Remodeling in Germ Stem Cell Identity	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1136428	SHARPE (Sodium Handling and Arterial Phenotypes in Europe)	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1136439	Identification of PHOX2B interactors and target genes as pharmacological candidates for Congenital Central Hypoventilation Syndrome (CCHS) and screening of drugs for preventing formation or inducing degradation of PHOX2B polyalanine aggregates	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**GGG**	**GCAT**
GR-2008-1136457	Inflammatory and Oxidative Markers in Cognitive Impaired Subjects (IOMCIS)	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**BDCN**	**npas**
GR-2008-1136486	Chimeric DNA and plant-derived therapeutic vaccines against HPV-associated cancers	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1136487	Stem cell derived in vitro models of inherited thrombocytopenias for studying their pathogenesis and identifying drugs for their therapy	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1136518	Biological characterization of chronic lymphocytic leukemia with disrupted TP53 activity and CD49d expression: pre-clinical studies for the identification of potential therapeutic targets		Onco Hematology	Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**VCMB**
GR-2008-1136531	Assessment of Mitochondrial Dysfunction in subjects with Autism	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GHD**
GR-2008-1136574	hBoV a newly discovered parvovirus of the respiratory and gastroenteric tracts	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**

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GR-2008-1136576	INTERACTION AMONG MEDITERRANEAN DIET COMPONENTS AND VASCULAR, GENETIC AND NOT GENETIC FACTORS IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE: A 3-YEARS FOLLOW UP STUDY ON AN APULIAN POPULATION	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**PSE**	**NAME**
GR-2008-1136585	CIRCULATING OSTEOBLASTS FOR BONE REGENERATION	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**
GR-2008-1136603	Pro-angiogenic and tumor activity of Dbl expressed in epithelial cells: search for diagnostic markers and therapeutic targets for carcinoma.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1136607	Understanding emotions in children: the case of Williams Syndrome		Neuropsicologia	Populations Studies - (b) Behavioral Sciences and Psychology	**BBBP**	**APDA**
GR-2008-1136609	The kidney as a sensor of risk in clinical practice: optimizing cost-effectiveness in the identification of high risk patients with primary hypertension	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1136614	Susceptibility of botulinum neurotoxins and botulinum neurotoxin-producing clostridia to ultrasound treatment		Malattie sociali	Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**SBIB**	**SAT**
GR-2008-1136618	Translational Approach to Chronic Epilepsy (TRACE): cross-talk between NMDA and inflammatory pathways in the epileptogenic malformed brain	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**CVP**

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GR-2008-1136619	Identification of risk factors in pregnancies of women with epilepsy: prepartum counseling, management of gestation, postpartum support: a multidisciplinary approach	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnnt**
GR-2008-1136640	Development of innovative immunotherapeutic strategies against oligomeric beta amyloid isoforms by intracellular antibody technology	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**
GR-2008-1136641	Transcription factors: from novel markers for the follow-up to promising targets for the treatment of autoimmune diseases		Malattie autoimmuni	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1136652	Study of menin-Mixed Lineage Leukemia (MLL) interaction in leukaemic transformation	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**VH**	**HM**
GR-2008-1136656	Gene-nutrient interaction for the identification of biomarkers related to the distrectuality of the atherosclerotic disease	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**AICS**
GR-2008-1136665	Role of pancreatic alpha- and beta-cell dysfunction in type 2 diabetes pathogenesis	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1136666	Psoriasis and cardiovascular morbidity and mortality: an integrating approach based on the use of anti-TNF-alpha inhibitors	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**MOSS**	**acts**
GR-2008-1136677	Cardiovascular mortality: study of the genetic and functional markers.	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**pse**	**KNOD**

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GR-2008-1136701	Hematopoietic stem cell gene therapy for the treatment of rare inherited pediatric disorders	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**BST**	
GR-2008-1136790	Linking the proto-oncogene Pbx1 and the Tgf-b pathway to cytoskeleton reorganization in hematopoietic stem cells (HCSs): implications for Wiskott-Aldrich Syndrome pathogenesis and treatment.	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1136791	Study of the synaptic differentiation of ES- and iPS-derived neuronal cells: implication for future therapies	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**ifcn**	**SCS**
GR-2008-1136810	Role of abscisic acid (ABA) in the pathogenesis of type 2 diabetes and atherosclerosis and development of anti-ABA drugs	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**VCMB**
GR-2008-1136817	Cancer Registry and the organisation of a Biological Bank in the Campania region as research tools in cancer epidemiology	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1136822	Hyperpolarized gas MRI for lung pathologies	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (d) Lungs (including molecular, cellular, transport, translation research)	**CVRS/Lungs**	**LIRR**
GR-2008-1136824	mGlu3 metabotropic glutamate receptors as new targets to induce neuroprotection by increasing glial cell line-derived neurotrophic factor expression in experimental models of parkinsonism	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**

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GR-2008-1136831	MULTIPLE MYELOMA: bringing molecular research to the clinic	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1136835	Foreign expectant mothers, midwifes and Public health care services: a study on a work in progress relationship	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**DMRD**
GR-2008-1136923	Anemia of inflammation: investigation on impaired iron regulation in acutely ill patients and their clinical outcome	Medicina Traslazionale/Translational Medicine		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1136933	Antisense RNA-mediated gene therapy of retinal dystrophies and dysfunctions.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Basic Sciences & Novel Technologies (d) Genomics, Proteomics, and their Applications to Systems Biology	**cb/eye**	**bdpe**
GR-2008-1136956	INHIBITION OF THE ACTIVITY OF TISSUE TRANSGLUTAMINASE: A NEW THERAPEUTIC STRATEGY FOR CELIAC DISEASE	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cigp**
GR-2008-1136968	Molecular genetics of tumor angiogenesis using the zebrafish vertebrate model	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**monc**
GR-2008-1136980	Role of cardiac progenitor cells in doxorubicin induced cardiomyopathy	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**

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GR-2008-1137015	Team is brain: combating stroke by ultra-early neurosonologic diagnosis and therapy.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**
GR-2008-1137019	A systems biology approach to elucidate the molecular mechanism of Pten loss induced cellular senescence and its application for cancer therapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1137025	Molecular analysis of ABCB4 gene in patients with intrahepatic cholestatic diseases suggestive of deficiency of the biliary phosphatidylcholine	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1137065	A phase III prospective multicenter comparison of transurethral resection by mean of white light, fluorescence and narrow band imaging.	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**CIGP**
GR-2008-1137066	Identification of epigenetic bio-markers induced by chemo-radiotherapy treatments and associated to the development of therapy-related Myelodysplastic Syndromes/Acute myeloid Leukemia.	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**HM**
GR-2008-1137106	NEWBORN SCREENING FOR LYSOSOMAL STORAGE DISORDERS		malattie metaboliche/metabolic diseases	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**MCE**
GR-2008-1137114	Development and Assessment of Advanced Microwave Imaging Techniques and Systems for Early Breast Cancer Diagnosis and Screening	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**SBIB**	**btss**

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GR-2008-1137116	Innovative organizational models in primary health care and their impact on the quality of care.	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**DMRD**
GR-2008-1137124	Preventing and combating drug resistance in bacteria and fungi causing human infections: evaluation of antioxidants and efflux pump inhibitors in combination with standard antimicrobial drugs.	Ricerca preclinica/Preclinic reasearch		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**DDR - Drug**
GR-2008-1137139	Neurofunctional Alterations of Body representation in Anorexia Nervosa: Neuropsychological Measures and Neurophysiologic Treatments	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**bbbp**	**cpdd**
GR-2008-1137153	Development of a tobacco derived canine Leishmania vaccine based on chimeric plant virus particles	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1137160	Sviluppo e validazione del ruolo del pronto soccorso in percorsi di integrazione socio-sanitaria	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RBPH**	**BMIO**
GR-2008-1137171	MicroRNAs as novel regulators of the therapeutic plasticity of somatic STEM cells (miR-STEM)	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**CB**	**csrs**
GR-2008-1137179	SOCIAL ADVERSITY, ENDOCANNABINOID SYSTEM, COGNITION AND PSYCHOSIS ONSET	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1137181	New small SMAC-mimetic molecules as apoptosis inducing agents in tumour therapy.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**

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GR-2008-1137209	Genes for Mental Retardation, genetic and functional analysis	Ricerca di base/Basic Research		Neuroscience (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**GGG**	**GCAT**
GR-2008-1137257	Role of high dose L-arginine supplementation in Leukoaraiosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1137262	Cortical reorganization in patients affected to Stroke after treatment with botulinum toxin Type A	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**
GR-2008-1137303	A multidisciplinary approach for the identification of novel therapeutic treatments for respiratory tract infections in infants.	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1137333	Characterization of peripheral alterations in Amyotrophic Lateral Sclerosis	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**BDCN**	**cdin**
GR-2008-1137350	IDENTIFICATION OF GENETIC BIOMARKERS IN ANTINEUTROPHIL CYTOPLASMIC ANTIBODY (ANCA)-ASSOCIATED VASCULITIDES BY A GENOME-WIDE ASSOCIATION STUDY	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**GGG**	**GCAT**
GR-2008-1137376	Oral reservoir of Helicobacter Pylori. Correlation between full mouth disinfection and recurrence of peptic ulcer	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cigp**

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GR-2008-1137377	Diagnosis and Therapy in Retinoblastoma: An Integrated Multidisciplinary Approach	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**cb**	**bdpe**
GR-2008-1137379	Development of a new methodology and a new apparatus for the diagnosis of extra vascular lung water based on the analysis of ultrasound comets	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**SBIB**	**btss**
GR-2008-1137390	Health Communication and Staff Satisfaction as tools for the enhancement of service quality provision within the National Health System: an evaluative analysis correlated by empirical data and pragmatic considerations.	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1137410	HIV-1 therapeutic vaccine with dendritic cells pulsed with autologous inactivated virus	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**AARR**	**vacc**
GR-2008-1137441	Activity-based Enrichment as a tool for isolating subproteomes for diagnostic/prognostic purposes		Diagnostics/Oncology	Oncology - (a) Clinical Oncology (Disease driven research)	**OCT**	**CBSS**
GR-2008-1137475	Assessing short and long term comparative effectiveness of PCI vs CABG: an observational outcome study using administrative data	Valutazione efficacia di altri interventi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1137506	IPMaR- Innovative patient management in radiotherapy applied to IMRT in HN cancers	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**

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GR-2008-1137513	Advanced diagnostics and adoptive immunotherapy for viral infections in hemopoietic stem cell and solid organ transplant paediatric recipients	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**
GR-2008-1137556	Proteomic and Redox proteomic analysis of in vivo HPV dysplastic lesions: understanding the role of oxidative stress in cancer progression	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1137597	Mechanisms of learning and memory deficits induced by 3,4-methylendioxymethamphetanine (Ecstasy)	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**cog**
GR-2008-1137604	Role of cannabinoid and vanilloid receptors in the central mechanism of neuropathic pain	Ricerca preclinica/Preclinic reasearch		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1137616	Response to hypoxia in cerebrospinal fluid (CSF) of Amyotrophic Lateral Sclerosis (ALS) patients: identification of new biomarkers for diagnosis and potential future therapeutic strategies.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1137632	Idiopathic Central Hypogonadism (ICH) as an emerging clinical problem: Investigations on the disrupted signals underlying its pathogenesis and generation of an efficient national network for its diagnosis and management	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**HDM**	**hsod**
GR-2008-1137633	STANDARDIZATION AT THE REGIONAL AND NATIONAL LEVEL OF MOLECULAR DIAGNOSTIC ASSAYS ALLOWING THE APPROPRIATE SELECTION AND THE OPTIMIZATION OF TARGETED THERAPIES WITH TYROSINE KINASE INHIBITORS IN PATIENTS WITH ACUTE AND CHRONIC LEUKEMIAS	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**HM**

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GR-2008-1137637	A network analysis strategy to identify genes implicated in genetic disorders	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**GGG**	**GCAT**
GR-2008-1137639	A new method for melanoma prevention: total body digital photography-assisted patient self-examination and combined dermoscopy/reflectance confocal microscopy management of suspicious skin lesions.	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**SBIB**	**bmit**
GR-2008-1137655	Crosstalk between DNA damage response and senescence: new molecular aspects of an early barrier to tumorigenesis.	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1137661	A strategy for developing effective cell-mediated approach for treating Motor Neuron Diseases	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1137690	The power of economic policies in fighting the tobacco epidemic	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**RPHB**	**rpia**
GR-2008-1137694	What the past holds for the present and future of hepatology: a population-based longitudinal study of the impact of chronic viral hepatitis and autoimmune liver disease in a northern Italian region	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1137695	Role of adult neurogenesis in hippocampus-dependent memory processes, depression and neurodegeneration. Study of molecular mechanisms regulating the maturation of hippocampal newborn neurons.	Ricerca di base/Basic Research		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**npas**

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GR-2008-1137699	A NEW HEALTH-CARE SYSTEM INTERFACE FOR CITIZENS - DEVELOPMENT OF AN INNOVATIVE CLINICAL e-GOVERNMENT TOOL	Servizi al cittadino, accessibilità/Accessibility		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BCHI**
GR-2008-1137702	Multicentric Italian study on genetics and pharmacogenetics factors associated with osteoporosis	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1137738	PRESERVATION OF THE REPRODUCTIVE FUNCTION IN ONCOLOGICAL CHILDREN AND WOMEN AT RISK OF STERILITY	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**EMNR**	**icer**
GR-2008-1137749	Validation of potential therapeutic targets in colorectal cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**dt**
GR-2008-1137754	ROLE OF GITR AND GITR LIGAND IN THE REGULATION ON THE INFLAMMATORY AND DEGENERATIVE RESPONSE ASSOCIATED TO POST TRAUMATIC SPINAL CORD INJURY AND PARKINSON DISEASE.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CDIN**
GR-2008-1137756	Hippocampal A2A receptor/BDNF functional interactions in a transgenic model of Alzheimer¿s disease (AD)-like Tau pathology.		ALZHEIMER¿S DISEASE	Neuroscience - (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**ifcn**	**SMI**
GR-2008-1137757	USE OF DIAZOXIDE AND mTOR ACTIVATORS FOR TREATMENT OF FRIEDREICH'S ATAXIA	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**npas**

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GR-2008-1137776	Biological relevance of microRNAs shuttled by circulating microvesicles in acute and chronic renal failure	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cmbk**
GR-2008-1137784	Biodynamic of muscle-skeletal system during vibration exposure and correlation with risk assessment	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**MOSS**	**mrs**
GR-2008-1137791	EFFECTIVENESS OF PALLIATIVE CARE APPROACH ON QUALITY OF LIFE AND HEALTH CARE COSTS REDUCTION IN PATIENTS WITH ADVANCED HEART FAILURE	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**HDM**	**NSAA**
GR-2008-1137792	Social impact of the electromagnetic fields produced by GSM and UMTS cellular phones on audio/vestibular system of healthy human beings and in presence of commonest auditory/vestibular system diseases	Audiology		Populations Studies (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**pes**	**ssps**
GR-2008-1137797	Neuropathic pain: nicotinic mechanism involved in neuron vs glia signaling		Neuropharmacology	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1137798	The contribution of liver progenitor/stem cells during liver regeneration, fibrosis and carcinogenesis		Regenerative Medicine and Stem Cell Biology in Gastroenterology and Hepatology	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**DKU**	**CIGP**
GR-2008-1137799	Role of the putative oncosupppressor HIPK2 in cytokinesis and induction of chromosomal instability		Molecular Oncology	Oncology - (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**

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GR-2008-1137800	ROLE OF PHOSPHOINOSITIDE 3-KINASE GAMMA AND INFLAMMATION IN HEART FAILURE	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1137801	GENETIC CORRELATION BETWEEN POSTNATAL WEIGHT GAIN AND SLEEP BEHAVIOUR: LONGITUDINAL STUDY OF NEWBORN ITALIAN TWINS	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**RPHB**	**RPIA**
GR-2008-1137805	Novel imaging and molecular approaches for the detection and prognostic classification of prostate cancer	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**ukgd**
GR-2008-1137813	Plasticity of facial emotional recognition and behavior in patients with Mobius Syndrome before and after surgical facial reanimation.	Ricerca di base/Basic Research		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1137819	Genetics of alcohol dependence and depressive disorders: towards ad hoc therapy	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1137826	TERAPIA ANTIPERTENSIVA DI POPOLAZIONE: LA GENETICA COME STRUMENTO DI VALUTAZIONE ECONOMICA PER MIGLIORARE EFFICACIA E SOSTENIBILITA¿	Valutazione efficacia di altri interventi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1137827	Epicardial stem cells for cardiac regeneration		Cardiac regeneration	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**VH**	**VCMB**

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GR-2008-1137838	Prevention of radiocontras medium-induced nephropathy using short-term high-dose statins in patients with renal insufficiency undergoing coronary angiography with iso- or low-osmolar contrast agents	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1137851	Identification and validation of clinical diagnostic criteria for risk stratification of non-traumatic headaches in Emergency Department (DIACEF_PS Project), and clinical pathway for the patient dismissed from ED with a primary headache (PERCEF_ID Project	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bmrd**
GR-2008-1137855	Plasticità neurale e percezione sovramodali: studi fMRI-EEG sulla deprivazione sensoriale	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**ifcn**	**COG**
GR-2008-1137861	A new technique for non-invasive monitoring of heart failure	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1137868	New strategy against intractable epilepsy using a pharmacological and physiological approach	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CND**
GR-2008-1137872	Genetic Profiling for Prediction of Life-Threatening Arrhythmias in Heart Failure	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**esta**
GR-2008-1137876	Integration and development of bioinformatic tools for the medical-oriented analysis of the correlations between DNA variations and human diseases	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**HDM**	**bchi**

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GR-2008-1137889	Treatment adherence in people affected by psychosis using community mental health services: effectiveness of an innovative intervention aimed at improving antipsychotic medication compliance and outpatient attendance.	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1137890	Environmental xenobiotics and human reproductive disruption: possible relations with preconceptional prevention of mental handicap	Ricerca di base/Basic Research		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**BMIO**
GR-2008-1137913	Genetic and biochemical characterization of markers for Huntington's disease.	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1137920	Role of RNA interference and gene therapy in autoimmune diseases	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**
GR-2008-1137927	An integrated approach to unravel the mechanisms of pathogenesis in uromodulin-associated renal cystic disorders	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**CIGP**
GR-2008-1137928	Impact of stimulating alternative ventricular sites for standard pacing to prevent further ventricular failure in patients with mild left ventricular dysfunction	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1137943	Applications of Raman Imaging and Tweezers to medical diagnostics of hematological diseases	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**

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GR-2008-1137958	Pharmacogenetic and pharmacogenomic studies: social impact, therapy optimization and drug development		PHARMACOGENETICS/PHARMACOGENOMICS	Basic Sciences & Novel Technologies - (d) Genomics, Proteomics, and their Applications to Systems Biology	**?**	**CIGP**
GR-2008-1137962	Myocarditis: Identification of the causes and mechanisms of myocardial damage and tailored treatment based on the virologic and immunologic profile.	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1137985	AUTOLOGOUS BONE MARROW CD133+ CELL TRANSPLANTATION FOR THE TREATMENT OF CRITICAL LIMB ISCHEMIA	ANGIOLOGIA/ANGIOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**vcmb**
GR-2008-1137992	Impact of dietary fructose and fatty acids on the regulation of energy balance: implications on obesity and insulin resistance	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1137999	In vitro and in vivo multidimensional study on the effects of repetitive transcranial magnetic stimulation (rTMS) on cerebral ischemia: from basic mechanisms to clinical application	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1138003	Life expectancy at birth is over 100 years old, is this true?Lifestyle, Diet and Sport in relation to health: how to reduce the number of future diseases and its health costs	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**pse**	**SSPS**
GR-2008-1138004	Innovative IDO-targeting interventions in autoimmunity		immunoterapia	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**

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GR-2008-1138011	Assessing and improving the effectiveness of warning signals in elderly persons	Assessment and Improvement of Devices		Populations Studies (b) Behavioral Sciences and Psychology	**RPHB**	**bmio**
GR-2008-1138028	CANCER PREVENTION IN ITALY: ANALYSIS OF FAMILIAL AND GENETIC FACTORS AND THEIR INTERACTION WITH ENVIRONMENT	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1138029	A prospective study of Italian case-control data on risk factors associated with cancer survival and mortality	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1138048	Development of RNA interference-based innovative therapeutic approaches against influenza virus infections, targeting the anti-interferon NS1 viral gene product: the making of a new weaponry to face the threat of pandemic Flu	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1138049	Role of NGF signalling in designing molecular strategies for Alzheimer's disease	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMND**
GR-2008-1138053	Identification of novel prognostic factors and therapeutic targets for Richter's syndrome	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**VH**	**HM**

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GR-2008-1138057	11-C Choline PET/CT-guided Helical Tomotherapy for the treatment of lymph node relapse in prostate cancer patients	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**
GR-2008-1138062	Congenital malformations of the cerebellum: epidemiology, genetic basis, clinical correlates, diagnosis and patients' management	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnnt**
GR-2008-1138066	Organization by telemedicine of the acute stroke network in Abruzzo	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**binp**
GR-2008-1138067	Attività della lattoferrina sulle infezioni respiratorie sostenute da virus dell'Influenza e da Pseudomonas aeruginosa e Burkholderia cenocepacia/Effect of lactoferrin on respiratory infections by Influenza virus and Pseudomonas aeruginosa and Burkholderi	Ricerca di base/Basic Research		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1138068	SUMF1 (Sulfatase Modifying Factor 1) controls self-renewal and differentiation of the HSCs (hematopoietic stem cells)	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1138074	Design and implementation of an ontology based pervasive system for intelligent patient tracking	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1138087	Sonodynamic therapy: high energy shock waves and porphyrin compounds for treatment of solid tumors	Ricerca preclinica/Preclinic reasearch		Oncology (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**SBIB**	**SAT**
GR-2008-1138088	Novel Agents for the Treatment of Malignant Mesothelioma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**

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GR-2008-1138106	delirium Post-Operatorio, Genetica e Fattori di rischio	CHIRURGIA/SURGERY		Populations Studies (d) Bioinformatics (medical records, databases, searches, statistical methods)	**BBBP**	**APDA**
GR-2008-1138110	¿PREDITTORI CLINICI E BIOLOGICI DI DECLINO FUNZIONALE A LUNGO TERMINE NEL PAZIENTE ANZIANO OSPEDALIZZATO¿ / "CLINICAL AND BIOLOGICAL PREDICTORS OF SHORT AND LONG TERM FUNCTIONAL DECLINE IN OLDER HOSPITALIZED SUBJECTS"	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**BBBP**	**APDA**
GR-2008-1138121	Study of the role of S-nitrosoglutathione reductase (GSNOR) in neuronal homeostasis and its implication in Parkinson's disease etiopathogenesis	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**CMND**
GR-2008-1138123	New methods for Non-ionizing imaging and guidance of ENDOvascular devices in CArdiac Surgery - NENDOCAS	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**SBIB**	**bmit**
GR-2008-1138127	Protective mechanisms of selective head cooling during cardiopulmonary resuscitation		Emergenze / Rianimazione cardiopolmonare	Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1138128	PARAPLEGIA SPASTICA EREDITARIA: RICERCA DI GENI-MALATTIA E CORRELAZIONE GENOTIPO-FENOTIPO	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GHD**
GR-2008-1138141	Employment, Disease Burden and Indirect Costs in Chronic Kidney Disease (EBICK study)	MEDICINA DEL LAVORO		Populations Studies (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**HDM**	**hsod**

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GR-2008-1138166	Work-related risks and prevention: a strategy based on integration of a management system and Sobane methodology	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHG**	**RPIA**
GR-2008-1138186	Implementation and validation of a model for the assessment of Biomedical Technology related Risk	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1138195	Rete Oncologica Pediatrica Regionale: Progetto di una Infrastruttura Tecnologica in Campania	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1138226	Understanding in vivo MSC-mediated immunosuppression: scientific bases for clinical protocols.	Ricerca preclinica/Preclinic reasearch		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1138243	Products of pathogens with immunosuppressant and immunomodulatory activity		Host-pathogen interaction	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**HIBP**
GR-2008-1138251	PHARMACOGENETICS OF PEMETREXED AND CARBOPLATIN IN MALIGNANT PLEURAL MESOTHELIOMA PATIENTS.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1138252	Development, implementation and effectiveness of technology and clinical methods of 4D-Radiation Therapy, 4D-Image Guided Radiation Therapy and 4D-Adaptive Radiation Therapy.Use in clinical practice practice for equitable access and adequate performance o	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**

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GR-2008-1138262	In vitro studies about the immunogenicity of donkey's milk in primary oral and intestinal mucosa cultures, and in vivo studies on paediatric patients suffering from allergy/intolerance to cow's milk proteins and on intolerant adults with osteopenia/osteop	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1138287	Open Blogspace Server (OBServer)	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BHCI**
GR-2008-1138314	Development of bioactive nanostructured scaffolds for bone tissue regenerative medicine	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**
GR-2008-1138341	Next-generation sequencing approach for the identification of genetic risk factors in Amyotrophic Lateral Sclerosis	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1138356	Innovative method for early diagnosis of ovarian cancer based on the detection of volatile physiological markers	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1138373	Evaluation of pharmacogenetics as a tool to optimise efficacy and toxicity of anti-HIV therapy and concomitant treatments.	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**AARR**	**ACE**
GR-2008-1138390	Lipid based sensors for biomedical applications	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (a) Cell Biology (trafficking, organelles, networks, cellular imaging)	**CB**	**csrs**
GR-2008-1138397	Pre-clinical validation of DNA vaccination with alpha-enolase for the cure of pancreatic cancer.	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**otc**	**bmct**

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GR-2008-1138408	EVALUATION AND TREATMENT OF ESSENTIAL ARTERIAL HYPERTENSION TROUGH THE USE OF NEW PSYCHOPHYSIOLOGICAL TOOLS	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**vh**	**AICS**
GR-2008-1138410	Psychopathology and psychotropic drug treatment in the elderly patients: evaluation of a collaborative care between General Practitioners, Mental Health Departments and Regional Health Agency	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1138411	ATM-dependent DNA damage signalling responses in human neural stem cell: role in differentiation and cell death	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1138473	Combining global gene and microRNA expression profiling analysis with FISH and genotyping data: an integrative approach to the understanding of the molecular pathology of multiple myeloma	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1138475	Prospective evaluation of real time PCR assay and and optical immunoassay (OIA) for detection of group B steptococci in vaginal swabs from pregnant women at the onset of labour.	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**
GR-2008-1138491	theoretical and experimental investigation of the effect of electromagnetic-thermal fields produced by mobile telephony, bluetooth and wireless devices on the human body	Valutazione rischio esposizione agenti fisici		Populations Studies (b) Behavioral Sciences and Psychology	**SBIB**	**BMIT**
GR-2008-1138493	Assessing the influence of nanoparticles on immune system: in vitro and in vivo studies for evaluation of a new tool in diagnosis and therapy	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	

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GR-2008-1138498	Gastrointestinal neuropathies induced by neurotropic viruses as a model of neurodegeneration		Neurogastroenterology	Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**GCMB**
GR-2008-1138512	Can the involvement of cutaneous sensory and autonomic nerves early differentiate Parkinson disease from atypical parkinsonisms? A multidisciplinary approach study.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**AUD**
GR-2008-1138513	MECCANISMI TRASCRIZIONALI E TRASDUZIONALI COINVOLTI NEI FENOMENI NEUROPROTETTIVI MEDIATI DA PRECONDIZIONAMENTO E POSTCONDIZIONAMENTO ISCHEMICO A LIVELLO DELL'UNITA' NEUROVASCOLARE	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**BPNS**
GR-2008-1138519	Molecular epidemiology and genetic evolution of human enteric viruses: impacts on the laboratory diagnosis and the surveillance of infection		VIROLOGIA/VIROLOGY	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1138538	SET UP OF HIGH SENSITIVITY MUTATIONAL ASSAY TO DETECT CANCER-ASSOCIATED GENOMIC INSTABILITY USING NEXT-GENERATION SEQUENCING TECHNOLOGY	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1138553	Multifunctional Nanoengineered Capsules for Synergistic Imaging and Therapy of Breast Cancer.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1138554	Novel protein biomarkers of amyotrophic lateral sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1138597	Analysis of microRNA in first stage epithelial ovarian cancer and correlation with clinical and pathological data	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**cbss**

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GR-2008-1138642	Promoting Recovery from stroke: INdividually enriched therapeutic intervention in Acute Phase (PRINAP)		Neurologia e Riabilitazione	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**binp**
GR-2008-1138687	Training cognitivo specifico ed aspecifico quale fattore facilitante la dimissione ed il reinserimento di soggetti broncopneumopatici anziani/Specific and aspecific cognitive training as a factor to facilitate hospital discharge and reinstatement of elder	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1138704	synaptic gene expression in the epileptic brain	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMBG**
GR-2008-1138715	Postnatal closure of the ductus arteriosus: angiotensin II emerging as a new effector	Ricerca di base/Basic Research		Other Specialized Medical Science (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**vh**	**VCMB**
GR-2008-1138749	RESEARCH ON POLLENS AND THEIR DIFFUSION TO PREVENT THE RISE OF RESPIRATORY ALLERGIES IN HUMAN POPULATION	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**IHD**
GR-2008-1138756	NEW IMMUNOTHERAPEUTIC STRATEGIES FOR HEPATOCELLULAR CARCINOMA	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**dt**
GR-2008-1138784	Application of high-field structural and functional MRI to investigate the substrates of fatigue in multiple sclerosis and the effects of tailored treatments.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1138785	Use of schoolchildren screening to improve clinical outcome and socio-economic burden of allergic diseases.	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**pse**	**SSPS**

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GR-2008-1138810	Targeting mutant-p53 to develop new prognostic and therapeutic tools for breast cancer metastasis	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1138812	Tyrosine kinase RON: a new target in cancer therapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1138818	Molecular analysis of the tumor microenvironment: role of hypoxia and cancer stem cells in the malignant progression of prostate cancer and up-regulation of the inflammatory-reparative response gene.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1138861	Emerging viral infections: pathogenesis and host immune response	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1138869	Combining epidemiology and economics for management of oncology costs (ManOnC)		cancer epidemiology, health economics	Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**HDM**	**HSOD**
GR-2008-1138912	Mechanism of T cell priming by dendritic cells: impact on immunodeficiencies and cancer therapy	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**IMM**	**CMIA**
GR-2008-1138913	The role of iron handling by macrophages in the repair of muscle damage: relevance to muscle disorders	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**
GR-2008-1138941	A new method for assisted diagnosis in autoimmune diseases.		Malattie autoimmuni	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**

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GR-2008-1138965	Neuropsychiatric and sleep-wake profiles in patients with cirrhosis	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1138993	Increased multitasking as consequence of diffusion of new digital tools: a new severe risk for workers. Development of new multitasking protocols closer to the reality and analysis of the stress factors and cognitive impairment increasing risks for safety	MEDICINA DEL LAVORO		Populations Studies (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1139012	Biochemical mechanisms of perinatal brain damage and neuroprotective drugs in animal model.		Neuroprotection, Oxidative Stress	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**NCF**
GR-2008-1139026	Proteomic characterization of differentially expressed and oxidized proteins in hypoxic and infective processes responsible for brain damage		NEUROPROTECTION, OXIDATIVE STRESS	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1139077	Isolation of pluripotent stem cells from human amnion: in vitro differentiation in airway and hepatic epithelium and in vivo evaluation of engraftment ability for the cure of respiratory and liver disease of Cystic Fibrosis.	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**CVRS/lungs**	**LIRR**
GR-2008-1139083	Investigation of molecular mechanisms underlying the epigenetic programming of addictive behaviors and the genetic and environmental risk factors involved in these behaviors	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**MDCN**	**CMBG**
GR-2008-1139091	EPIDEMIOLOGICAL SURVEILLANCE OF VIRAL PATHOGENS (ADENOVIRUSES, NOROVIRUSES, AND HEPATITIS E VIRUS) THROUGH PARALLEL MONITORING OF SEWAGES AND CLINICAL CASES	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1139092	Oncolyitc herpesvirus vector for liver cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	

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GR-2008-1139097	SUPPORTIVE THERAPIES IN ONCOLOGY: PRECLINICAL EVALUATION OF INNOVATIVE STRATEGIES AND EFFECTS ON CANCER STEM CELLS	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Bioengineering (b) Tissue Repair and Regenerative Medicine	**obt**	**TCB**
GR-2008-1139114	Rapid and friendly-user assay for neutrophil functions	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1139135	Endogenous cannabinoid system and colorectal cancer	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**cigp**
GR-2008-1139138	STEREO-EEG STUDY OF THE INFLUENCE OF PRIMARY AND NOT-PRIMARY MOTOR AREAS ON EMG AND KINEMATIC CHARACTERISTICS OF VOLUNTARY GRASPING IN HUMANS	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1139144	The vulnerable women heart: sex difference in the development of metabolic syndrome and cardiovascular disease on the way from obesity and identification of new instrumental and bioumoral markers for a more efficient preventive, diagnostic and therapeutic	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1139175	Treatment of Neurological Impairment in Lysosomal Storage Diseases by the Use of Neural Stem Cells	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1139177	The Mirror Neuron System in Paraplegic and Tetraplegic subjects : an fMRI study		Neuroscience	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1139180	THE DNA "METHYLOME" OF HUMAN CUTANEOUS MELANOMA: PROGNOSTIC, CLINICAL AND IMMUNOTHERAPEUTIC IMPLICATIONS	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**

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GR-2008-1139190	Targeting MDM4/MDM2 association: a new potential therapeutic approach to activate p53 oncosuppressive function in human cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1139192	MOLECULAR BASIS AND PHENOTYPIC EXPRESSION OF PRIMARY SEVERE HYPERTRIGLYCERIDEMIA	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**cado**
GR-2008-1139217	Impact of phosphatonins on bone mineralization	MALATTIE RARE DELL'OSSO		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1139251	Communication skills of aphasic patients and gestures: An annotated database of aphasic patients' gestures for enhancing their communication and for training speech therapists.	Ricerca di base/Basic Research		Populations Studies (b) Behavioral Sciences and Psychology	**HDM**	**BHCI**
GR-2008-1139252	DIFFERENTIATION OF STEM CELLS ISOLATED FROM ALTERNATIVE SOURCES: CLINICAL IMPLICATIONS CONCERNING THE REGENERATIVE MEDICINE IN LOCOMOTOR APPARATUS PATHOLOGIES		CELLULE STAMINALI E MEDICINA RIGENERATIVA/STEM CELLS AND REGENERATIVE MEDICINE	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**BDA**	**ASG**
GR-2008-1139335	Characterization of preconditioning in the setting of traumatic brain injury: a novel therapeutic strategy based on endogenous neuroprotection		Traumatic brain injury	Neuroscience - (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**bdcn**	**binp**
GR-2008-1139577	Defining stem cell lineages for regenerative medicine: histone methylation in neural differentiation		Epigenetica e medicina rigenerativa/ Epigenetics and regenerative medicine	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**CB**	**csrs**
GR-2008-1139605	New biomedical strategies from viral capsid nanobiotechnology	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	

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GR-2008-1139614	DETRIMENTAL CONSEQUENCES OF ACUTE BRAIN INJURY ON PERIPHERAL ORGANS: CHARACTERIZATION AND TREATMENT	Ricerca preclinica/Preclinic reasearch		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**BDCN**	**binp**
GR-2008-1139637	IMPLEMENTATION OF ENDOGENOUS NEUROGENESIS AND GLIOGENESIS VIA THE PURINERGIC SYSTEM: A NEW STRATEGY TO REPAIR ACUTE NEURODEGENERATIVE DISEASES	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cdin**
GR-2008-1139638	Definition of new long term predictive biomarkers of T2D and associated CVD, and identification of novel therapeutic targets.	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**EMNR**	**mce**
GR-2008-1139646	Design, fabrication and characterization of an electrospun bioresorbable heart valve prosthesis for cardiovascular tissue engineering		Ingegneria dei tessuti	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**SBIB**	**BTSS**
GR-2008-1139662	Periodontal disease and osteoporosis. Investigation of bone metabolism in post-menopausal women	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1139683	Integrating psychotherapy for borderline personality disorder with general psychiatric care: a randomized, three-groups practical trial of transference-focused psychotherapy, cognitive-behavior therapy and treatment as usual	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1139690	Prostate cancer: advantages of MRI at 3.T with endorectal coil, with spectroscopic and functional analysis for new terapeutic protocol.		radiologia oncologica	Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**BMCT**

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GR-2008-1139740	Defining the interplay between genetic and epigenetic events in inflammation-associated cancer	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**OBT**	**CAMP**
GR-2008-1139743	Analysis of the pathogenetic mechanisms underlying lysosomal disorders using zebrafish biosensors	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (f) Developmental Biology	**CB**	**csf**
GR-2008-1139787	CI-IB-MECA: potential novel anti-cancer agent in a mouse model of melanoma	Ricerca di base/Basic Research		Oncology (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**
GR-2008-1139825	Role of diabetes mellitus in the progression toward heart failure: integrated clinical and basic research to identify novel therapeutic targets	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1139848	Alternative splicing as a tool to develop novel angiogenesis regulators for therapeutic purposes.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1139875	Proteomic study of cancer biomarkers in incident cases and in subjects with high familiarity for cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1139903	Temporal changes in persistent organic pollutant levels in human tissues: concentration trend monitoring in a highly industrialized Italian area.	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**

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GR-2008-1139912	Therapeutic vaccine against papillomavirus induced tumours in cattel: an animal model for human disease and impact on public health	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**IDM**	**BACP**
GR-2008-1139921	Development of an optical diagnostic tool set based on Raman light scattering: from ¿chemical imaging¿ of tissue sections to real-time tissue analysis in the surgical operation theatre	Ricerca di base e pre-clinica/Basic and pre-clinical research		Bioengineering (b) Tissue Repair and Regenerative Medicine	**SBIB**	**btss**
GR-2008-1139949	CpG and its anti-cancer effect in a mouse model of lung carcinoma: role of the immune-suppressive environment.	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1140092	Design and synthesis of new molecules active against multidrug-resistant bacteria	Ricerca di base/Basic Research		Immunology and Infectious Diseases (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IDM**	**BACP**
GR-2008-1140136	Genome-wide expression analysis of pathways involved in the onset and progression of multiple myeloma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1140144	Identification of new glucocorticoid¿s molecular mechanisms regulating genes involved in the inflammatory process.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1140148	Molecular mechanisms of glucocorticoids regulating genes and role in inflammatory processes	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1140151	Breast cancer stem cells: initiation, progression and chemoresistance	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**

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GR-2008-1140169	Assessment of a pre-clinical model for the use of adult Cardiac Stem Cells-based/tissue engineering combined treatment of heart ischemia		TERAPIA CELLULARE CARDIACA	Bioengineering - (b) Tissue Repair and Regenerative Medicine	**CVRS**	**CCHF**
GR-2008-1140243	Preclinical assessment for selectively disrupting a traumatic memory via postretrieval interventions.	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1140255	A "two steps" drug discovery strategy against human bone diseases	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1140286	Ubiquitin-dependent regulation of p63 and p73 in physiological and pathological conditions	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1140338	Contextual effects in spatial attention: from neurophysiology to neurorehabilitation	Ricerca preclinica/Preclinic reasearch		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**
GR-2008-1140367	GENERATION AND TRANSPLANTATION OF GENETICALLY ENGINEERED NEURAL STEM CELLS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**BPNS**
GR-2008-1140386	Endocrine Disruptors and human exposure: Biotechnological approaches for detection and bioremediation		Modulatori endocrini	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1140398	EARLIEST ANTENATAL DIAGNOSIS OF CHROMOSOMAL ABNORMALITIES AND HAEMOGLOBINOPATHIES BY COELOMATIC FLUID SAMPLING	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**CIGP**

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GR-2008-1140400	Molecular characterisation of bone metastasis	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1140432	Hub & Spoke network for skeletal dysplasia: an interdisciplinary approach to optimize clinical-diagnostic protocols and information exchange	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1140468	LIFESTYLE INTERVENTION (DIET, PHYSICAL ACTIVITY AND BEHAVIOR THERAPY) FOR THE PATIENT WITH FATTY LIVER AND METABOLIC SYNDROME	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**RPHB**	**SPIP**
GR-2008-1140500	Innovative assay for the measurement of protein translocation	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**BST**	
GR-2008-1140501	Validation of a platform of biomarkers predictive of response to chemotherapy and targeted therapies in carcinomas from different primaries: characterization of protein expression and gene profiling.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**conc**
GR-2008-1140605	Study of the role of pro-angiogenic factors in leukemogenesis and evaluation of the effectiveness of their targeting as anti-tumor therapy	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**VCMB**
GR-2008-1140627	Optimization and customization of the surgical ventricular restoration technique based on biomechanical modelling	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**vh**	**VCMB**

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GR-2008-1140659	B cell in autoimmunity: from basic research to diagnostic and pharmacological targets	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**imm**	**IHD**
GR-2008-1140682	Human cord blood stem and progenitor cell transplantation in preclinical models of motor neuron diseases; therapeutic potential and risk assessment for future approaches in ALS patients	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1140728	Accuracy and clinical impact of 68-Ga-labeled octreotide analogues PET as an adjunct to the conventional diagnostic work-up and staging of duodeno-pancreatic neuroendocrine tumours, performed by CT and EUS; proposal of a multicenter, prospective clinical	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**rtb**
GR-2008-1140733	Autism Spectrum Disorders: practical protocols aimed at promoting communication skills in natural settings	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1140742	An innovative surveillance system for obesity and lifestyles in adolescents applied to the public health service	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**CIHB**
GR-2008-1140743	The production of linear and non-linear walking trajectories in Parkinson¿s disease and post-stroke hemiparetic patients: pathophysiology and rehabilitation interventions.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**binp**
GR-2008-1140750	IFN-Y INDUCED BY PHA STIMULATION AS NEW MARKER FOR GVHD PREDICTION IN PATIENTS UNDERGOING ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**

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GR-2008-1140755	Transcriptional and post-transcriptional control of RET gene expression: implications in development and cancer.	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1140756	Improving diagnosis, serotyping and analysis of antibiotic resistance of Streptococcus pneumoniae with the use of molecular methods working directly on clinical samples	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1140768	The challenge of therapy in neonatal seizures: traditional and new anticonvulsants	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**EMNR**	**pn**
GR-2008-1140787	Pathogenesis of Neurogenic Pulmonary Edema: role of S100B protein	TERAPIA INTENSIVA/INTENSIVE THERAPY		Cardiovascular and Respiratory Sciences (d) Lungs (including molecular, cellular, transport, translation research)	**CVRS/Lungs**	**LIRR**
GR-2008-1140788	Peripheral arterial disease: identification of putative risk profile and therapeutic approach with autologous bone marrow	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1140792	Early diagnosis of atypical melanocytic lesions by confocal and non-linear optical imaging	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**BST**	
GR-2008-1140793	Effect of preventing hyperuricemia on progression of kidney damage in hypertensive subjects	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**

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GR-2008-1140822	The Tau protein of oral mucosa in Alzheimer's disease: a citological and histological evaluation	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**IFCN**	**cog**
GR-2008-1140829	Services for Prevention of psychotic and depressive EpisodeS: from genomics to phenomics in a human/animal perspective	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**bbbp**	**cpdd**
GR-2008-1140872	Use of saliva in non-invasive screening for oral cancer	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1140879	Innovative approaches to the diagnosis and prognostication of Philadelphia-negative chronic myeloproliferative neoplasms	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1140881	In vitro gene defects¿ correction of the LMNA gene in a large series of patients with genotyped cardiolaminopathy	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Basic Sciences & Novel Technologies (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1140885	Environmental and occupational risks of Carbon Nanotubes, bare and functionalized. Physico-chemical characterization and toxicity studies.		Tossicologia dei Nanomateriali	Basic Sciences & Novel Technologies - (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1140949	A study on professional accidents and correlated pathologies in air compressed workers: decompression procedures, physiological models, and prediction of the occurrence of Decompression Illness	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1140958	Late-onset epilepsy: epidemiology, pathogenesis and recurrence predictive criteria after a first unprovoked seizure.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**
GR-2008-1140959	Adoptive Immunotherapy with Cytokine Induced Killer Cells for Solid Tumors: Biological Pre-clinical Studies and Clinical Applications	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**dt**
GR-2008-1140963	Mild Cognitive Impairment and depression: outcome and role in the onset of Alzheimer¿s dementia	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1140965	Predisposition to develop bisphosphonate-related osteonecrosis of the jaws in onco-haematologic patients: a case-control study of genetic polimorphisms	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**BMCT**
GR-2008-1140975	ASSESSMENT OF THE PHYSIOPATHOLOGICAL MECHANISMS UNDERLYING GLIAL AND NEURONAL DAMAGE AND EVALUATION OF THE NEUROPROTECTIVE EFFECTS EXERTED BY RECOMBINANT ERYTHROPOIETIN AND OTHER TISSUE-PROTECTIVE MEDIATORS.		Neuroprotezione / Neuroprotection	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cdin**
GR-2008-1141031	Identification of biomarkers of response and resistance to anti-cancer targeted therapies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**CAMP**
GR-2008-1141032	IS BIOLOGICAL AGE A PREDICTOR OF MORBIDITY AND SURVIVAL IN HIV-INFECTED PATIENTS WITH END-STAGE LIVER AND KIDNEY DISEASES UNDERGOING SOLID ORGAN TRANSPLANTATION?	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**

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GR-2008-1141041	Diagnostic workup and epidemiological monitoring of IgE-mediated allergic diseases combining allergenic molecules, microarray-based IgE detection, and information technology resources	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**PSE**	**BGES**
GR-2008-1141046	Comprehensive imaging, molecular and biological characterization of response of Hepatocellular Carcinoma (HCC) to molecularly-targeted drugs.	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**OBT**	**camp**
GR-2008-1141111	Research of Biomarkers in Clinical Nephrology	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cmbk**
GR-2008-1141112	Role of the inwardly rectifying potassium channel Kir4.1 in the pathogenesis of cryptogenic epileptic syndromes and encephalopathies.	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**MDCN**	**cmbg**
GR-2008-1141147	Caratterizzazione delle variabili socio-demografiche e cliniche e dei correlati neurobiologici dei pazienti all¿esordio psicotico	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1141152	Surg2Aid: New approaches in diagnosis and support in cardiac surgery based on the integration of 4D echocardiographic image processing with computational modeling	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**SBIB**	**bmit**
GR-2008-1141153	Register of hip fractures for women over 65 in province of Bologna	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**

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GR-2008-1141170	CLUSTERIN EXPRESSION IN ENDOMETRIAL CANCER	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1141178	Neuronal dysfunction and vascular alterations in Alzheimer's disease: an association study for a new therapeutic approach	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**VCMB**
GR-2008-1141181	In vivo and in vitro analyses of the molecular mechanisms involved in cerebral vasospasm following subarachnoid hemorrhage: evaluation of the role of oxidative stress and of local inflammation as possible therapeutic targets.	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1141199	Mechanisms of neuronal inhibition and neuronal loss in human drug-resistant mesial Temporal Lobe Epilepsy	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**IFCN**	**NMB**
GR-2008-1141206	CLINICAL AND PHARMACOGENETIC DETERMINANTS OF ARTERIAL HYPERTENSION RESISTANCE TO RAS MODULATING DRUGS	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**VH**	**HT**
GR-2008-1141211	Identification of myogenic precursor cells in regenerating skeletal muscle for the cell therapy of the muscular dystrophy.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**
GR-2008-1141283	Innovative approaches for diagnosis and treatment of B-cell malignancies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**

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GR-2008-1141284	MALDI IMAGING IN BREAST CANCER RESEARCH	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**SBIB**	**bmit**
GR-2008-1141285	The use of carbon nanotubes (CNT) engineered or other nanomaterials (NMs) as nucleic acid carriers in vitro cell culture	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BST**	
GR-2008-1141306	New insight for a therapeutical approach to alcoholism: study of toxicity, tolerance and ethanol dependence mechanisms by regulation of transcription, molecular imaging and epigenetic analysis	Ricerca di base/Basic Research		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**RPIA**
GR-2008-1141311	Effetti di derivati da piante sul metabolismo del colesterolo/Effects of herbal derivatives on cholesterol metabolism	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**EMNR**	**CADO**
GR-2008-1141326	Cystic Fibrosis as a model disease for protein misfolding defects	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (c) Genetics (various diseases and methodologies)	**BCMB**	**BBM**
GR-2008-1141345	Development of new instruments and methods for the increase of safety and accuracy in radiotherapy treatments delivery	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**
GR-2008-1141366	Molecular mechanism of chondrocytes phenotypical derangement in Osteoarthritis: from molecules to patients searching for "disease modifying" drugs	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**

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GR-2008-1141367	STATO INFIAMMATORIO DI BASSO GRADO, SINDROME DELLE APNEE NOTTURNE E COMPLICANZE ENDOCRINO-ANDROLOGICHE NELL' OBESITA': CARATTERIZZAZIONE DEL FENOTIPO IMMUNOLOGICO CHEMOCHINICO, CITOCHINICO E CELLULARE, E SUA CORRELAZIONE CON IL QUADRO CLINICO	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**EMNR**	**CADO**
GR-2008-1141387	TYROSINASE EXPRESSION IN MELANOMA STAGE III PATIENTS: DIAGNOSTIC ACCURACY LEADING TO TIME- AND COST-SPARING FOLLOW-UP PROCEDURES.	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**OTC**	**cbss**
GR-2008-1141406	Analysis of the functional activities of CD157 in human ovarian cancer: evaluation of its role as a prognostic marker and as a target of innovative therapies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1141414	Dissecting the role of plasmacytoid dendritic cells in human cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1141415	Efficacy and safety of novel vaccines for Alzheimer's Disease.		Pharmacology	Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**IMM**	**CMIB**
GR-2008-1141423	Advanced proteomic technologies for the identification of the molecular basis of congenital diserythropoietic anaemia type II	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1141430	The emerging problem of Sickle Cell Disease (SCD): a global strategy for the implementation of comprehensive care to children with SCD in the Veneto Region	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**PSE**	**BGES**

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GR-2008-1141434	New methodologies for non-invasive, quantitative and Automatic MOnitoring of childbirth LABor (AMOLAB).	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**
GR-2008-1141435	Molecular study of the sub-lethal damage in degenerative diseases: strategies for a morphological and functional repair.		Cellular and Molecular Rehabilitation	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**
GR-2008-1141436	IL-7 expression and regulation in lymphopenic, physiological and pathological conditions	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**IMM**	**CMIB**
GR-2008-1141440	Understanding integrins' role in human diseases: molecular basis of ligand recognition and allosteric activation in the inside-out signalling.	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**CB**	**ici**
GR-2008-1141464	The role of Activation Induced Deaminase in the onset and progression of B-cell tumours	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**HM**
GR-2008-1141470	DEVELOPMENT OF INNOVATIVE AND NON-INVASIVE STRATEGIES FOR PRE-FERTILIZATION, PRE-IMPLANTATION AND PRENATAL DIAGNOSIS	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**enmr**	**pn**
GR-2008-1141501	Interaction between pain and rehabilitation	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1141502	INNOVATIVE APPROACHES FOR DEVELOPMENT OF NEW DRUGS ACTIVE IN PREVENTING OR CURING INFLAMMATORY PROCESSES(MUCOSITIS)INDUCED BY CHEMO-and / or RADIOTHERAPY.	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	

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GR-2008-1141504	HIV infection in patients aged > 50 years : an emerging disease. Characterization of the italian population and clinical, immunological and pharmacokinetics evaluations to improve patient management.	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1141516	CHARACTERIZATION OF NUCLEAR eNOS FUNCTION IN HUMAN ENDOTHELIAL CELL: RELEVANCE FOR CARDIOVASCULAR PATHOPHYSIOLOGY.		Malattie Cardiovascolari	Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**VH**	**AICS**
GR-2008-1141528	Constraint therapy in developmental age: a study of effectiveness and brain reorganization		Neuroriabilitazione	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**IFCN**	**NMB**
GR-2008-1141533	COLORECTAL CANCER CHEMOPREVENTION WITH DIETARY COMPONENTS OF MEDITERRANEAN DIET	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**cigp**
GR-2008-1141552	Mapping of human DNA replication origins and study of their regulation in normal and cancer cells	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1141556	Genomic instability in healthy tissues after cancer radiotherapy: implications for long-term effects in survivors	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**obt**	**camp**
GR-2008-1141557	Gut microbiota, innate immune system and insulin resistance in the pathogenesis of obesity		obesità	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**CIGP**
GR-2008-1141570	Collagen COL41A mutations and genetic risk factors in patients with small vessel stroke and haemorrhagic stroke	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**

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GR-2008-1141576	A novel class of molecules against Gram-negative bacteria	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**HIBP**
GR-2008-1141583	Characterization of Id1 function in thyroid tumors	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**CAMP**
GR-2008-1141675	Role of functional CD4+ T cell subsets in the collateral response to acute ischemia	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**mim**
GR-2008-1141694	In vivo and in vitro studies on cytotoxic effects of endocrine disruptors on placenta	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**
GR-2008-1141698	Study of the genetic determinants of inflammatory biomarkers and their potential use as predictive indicators of atherosclerosis and cardiovascular adverse outcomes	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1141775	1.Gephcard: an innovative software for government and exchange of clinical and molecular data with a patient-centric approach	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**HDM**	**bchi**
GR-2008-1141782	Human mesenchymal stem cells: analysis of their inhibitory effect on cells of the innate immunity.	EMATO-ONCOLOGIA, RICERCA SPERIMENTALE PRECLINICA		Bioengineering (b) Tissue Repair and Regenerative Medicine	**camp**	**tcb**

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GR-2008-1141783	Molecular characterization of atypical phenotypes in facioscapulohumeral muscular dystrophy towards the identification of genetic modifiers		GENETICA MEDICA/MEDICAL GENETICS	Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GHD**
GR-2008-1141787	Insulin Growth Factor-I/Oestrogen Receptors interactions in osteoblastic/osteoclastic differentiation of human adult stem cells	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**
GR-2008-1141791	Induction of fetal hemoglobin in primary erythroid cells using new pharmacological agents: a model for the treatment of haemoglobinopathies	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1141792	Improvement of diagnosis, care and follow-up for patients affected by Multiple Osteochondromas by refined molecular profiling of Glycosaminoglycans	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1141796	Role of Mast cell and regulatory T cells cross-talk in the development of tumor and autoimmune diseases	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1141797	Obesity: in the search for a common soil for cardiovascular disease and cancer	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	
GR-2008-1141801	Pathogenesis of congenital hypothyroidism: the mysterious interaction of genetics, epigenetics and environmental factors	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**GGG**	**GCAT**

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GR-2008-1141802	Peptidase-like proteins and channelopathies	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1141818	How COMT Val158Met polymorphisms influence behavioral and neural nociceptive processing in placebo responders and non-responders suffering from chronic pain.	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**ifcn**	**NMB**
GR-2008-1141833	Atherosclerotic burden estimation through peripheral blood cell analysis: a new approach		LIPIDOLOGY	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**vh**	**AICS**
GR-2008-1141838	Danger under your skin: piercing, tattoos and permanent make-up. Toxicological and infectious risk assessment and prevention strategies	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**pse**	**ssps**
GR-2008-1141841	OPTIMIZATION OF INTERFERON-BETA ANTITUMOR ACTIVITY IN PANCREATIC TUMORS	Ricerca preclinica/Preclinic reasearch		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**OTC**	**CII**
GR-2008-1141842	Efficacy of upper limb botulinum toxin injection on gait disorders of patients after stroke	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**
GR-2008-1141851	The integration of novel clinical and biomolecular prognostic/predictive factors for risk stratification in early stage non-small-cell lung cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**cbss**

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GR-2008-1141852	Investigation of genetic and epigenetic mechanisms leading to liver cancer development following deregulated insulin and glucose levels in experimental hepatocarcinogenesis and human hepatocellular carcinoma	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**ce**
GR-2008-1141856	Large scale study to evaluate the incidence and role of Mycobacterium avium subsp. paratuberculosis in Crohn¿s disease and Type 1 diabetes mellitus	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1141862	Role of the ATM-dependent DNA repair system in the pathogenesis of hepatocellular carcinoma: a new target for chemoprevention.	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**cmbk**
GR-2008-1141880	RNA ADIPONECTIN, RNA PLACENTAL GROWTH FACTOR AND NO SYNTHASE PLACENTAL EXPRESSION IN PREGNANCIES COMPLICATED BY PRE-ECLAMPSIA (PE) AND INTRAUTERINE GROWTH RETARDATION (IUGR) VS PHYSIOLOGICAL PREGNANCIES: STRATEGIES FOR EARLY DIAGNOSIS	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**
GR-2008-1141930	The NGR/isoDGR motif: a molecular timer for regulating endothelial cells adhesion to fibronectin and a tool for drug development	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1141947	Synthesis and characterization of new VEGF analogues as neuroprotective agents in cerebral ischemia	Ricerca di base/Basic Research		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**VH**	**VCMB**
GR-2008-1141948	Characterization of a novel human cardiac cell population suitable for clinical applications	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**CVRS**	**CCHF**

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GR-2008-1141949	Duchenne Muscular Dystrophy: design and use of synthetic genes as innovative and promising therapeutic molecules.	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1141962	A new local therapeutical approach by siRNA conjugated with non viral vectors	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1141977	Generation of neuronal cellular models from PKAN patients' fibroblasts for the study of iron homeostasis alteration.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1141988	TGF B EXPRESSION AND HORMONE TERAPHY IN PROSTATE CANCER	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1142012	Design and realization of electronic systems and devices for clinical diagnosis and therapy of pediatric diseases	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**BMIT**
GR-2008-1142019	Ruolo delle subunità beta2, alfa4, alfa5, alfa6 ed alfa7 del recettore nicotinico per l'acetilcolina (nAChR) nella modulazione delle alterazioni motorie, cognitive, ed emotive indotte da cannabinoidi	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**MDCN**	**BPNS**
GR-2008-1142024	TelMedOb - TeleMedicine for the treatment of Obesity with and without type 2 diabetes in out-patient settings	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1142041	Online writing cure and Post-Traumatic Stress Disorder		PSYCHOLOGY	Populations Studies - (b) Behavioral Sciences and Psychology	**BBBP**	**APDA**

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GR-2008-1142063	The prognostic role of phosphoinositide-specific signalling factors in central nervous system tumours	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1142068	Immunobiology of inflammatory diseases of the central nervous system	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1142072	Studying the human cytokinome by a systems biology approach	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1142076	Dietary behaviors in young women with chronic bowel diseases and their impact on bone mineral metabolism. Strategies for the promotion of a healthier diet in chronic bowel diseases and for the management of nutritional deficiencies.		Bone metabolic diseases and nutrition	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**CIGP**
GR-2008-1142077	RARE INHERITED DISORDERS OF HDL METABOLISM: FROM MOLECULAR DIAGNOSIS TO THERAPEUTIC DEVELOPMENT	MALATTIE RARE		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**mce**
GR-2008-1142079	Nuovi approcci per la terapia differenziativa dei tumori solidi: i microRNA / MicroRNAs: new approaches for the differentiative therapy of solid tumors	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1142083	Global warming, urbanization and immunodeficiency: effects on the leishmaniosis transmission patterns.	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1142108	Role of the Erk8 MAP kinase in Human Cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**

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GR-2008-1142113	Design and preparation of multifunctional smart nanoplatforms for triggering the apoptotic pathways of cancer cells	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1142118	Biological and physical approaches to study skin carcinogenesis	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**camp**
GR-2008-1142129	Study on the mechanism of action of anticancer natural small molecules	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**OTC**	**DMP**
GR-2008-1142233	Evaluation of cellular immune response to HCMV, EBV and BKV in end-stage-renal-disease patients and renal transplant recipients.		virology	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1142236	Telling bad news to the elderly cancer patients, the role of the family and health professional	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**RPHB**	**BMIO**
GR-2008-1142240	Development of new anti-alzheimer therapies based on Rho GTPases modulator proteins governing cytoskeleton remodeling: tackling effects on cognition and unveiling changes in signaling mechanisms following inhibition/stimulation of the target proteins.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**MNPS**
GR-2008-1142253	Role of matricellular proteins SPARC and OPN in inflammation and in related carcinoma and B cells lymphoma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1142254	ALTERATIONS OF PED/PEA-15 GENE AT THE INTERFACE OF DIABETES AND PARKINSON DISEASE	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**

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GR-2008-1142264	Role of microRNAs in aging-associated cardiovascular diseases	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**ELB**
GR-2008-1142289	Bone marrow stem cells mobilized with G-CSF: Hepatic regeneration in a murine model and autologous infusion in patients with advanced liver disease.	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1142303	SCCA POLYMORPHISM ANALYSIS TO IDENTIFY PATIENTS AT HIGHER RISK OF CIRRHOSIS EVOLUTION	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1142305	Genotyping data models for the development of personalized clinical protocols	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**HDM**	**bchi**
GR-2008-1142306	Serum insulin-like growth factor-I and breast cancer penetrance in BRCA mutation carriers	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1142320	Identification of genetic factors predisposing to non-syndromic cleft lip with or without cleft palate (CL/P)	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1142322	Development of a standard method for work-related stress risk assessment, risk management and continuous monitoring in the National Healthcare System	MEDICINA DEL LAVORO		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**PRDP**

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GR-2008-1142323	Synergism between natural products and antibiotics for the treatment of infections caused by bacteria expressing a Multidrug Resistant phenotype. From chemistry to medicine: a new role for bioactive molecules from natural sources	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**IDM**	**DDR - Drug**
GR-2008-1142324	STRESS, NEOPLASTIC TRANSFORMATION AND DRUG RESISTANCE	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1142336	NMDA receptor modulation in early Parkinsonism and in L-DOPA-induced dyskinesia: a new therapeutic strategy	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**IFCN**	**SMI**
GR-2008-1142342	The quality of life and relationship between medical staff, patients and families in oncology	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**BMIO**
GR-2008-1142343	Telemonitoring intervention for elderly patients with acute decompensation of chronic heart failure treated in Hospital at Home: a randomized trial.	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**SBIB**	**bmit**
GR-2008-1142347	Recovery predictors in survivors from traumatic and non traumatic coma: clinical and instrumental prognostic indicators in the rehabilitation phase.	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bmrd**
GR-2008-1142352	Role of BDNF/gp145trkB axis in the immunopathogenesis of multiple sclerosis (MS): implications for autoreactive T cell survival and new selective immunomodulating strategies in MS treatment	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**

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GR-2008-1142356	Towards an innovative model of orientation and evaluation of the clinical practice from two clinical settings of chronic illness treatment	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1142370	INNOVATIVE TECHNIQUES OF BONE TUMOR ABLATION BY ASSOCIATION OF ELECTROPORATION AND CHEMOTHERAPEUTICS	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1142395	Pesticide residues in biological samples of general human population and breeding animals in Sicily: characterization of sources of exposure and correlation with human diseases.	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1142412	VITAMIN D EFFECT ON T LYMPHOCYTES, ON MONOCYTES/MACROPHAGES AND OSTEOCLASTOGENESIS IN RHEUMAOID ARTHRITIS	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1142423	DIAGNOSTIC AND THERAPEUTIC STRATEGIES IN EPILEPSIES DUE TO PUTATIVE INFLAMMATORY AND IMMUNE-MEDIATED PATHOGENESIS AND STUDY ON THE SEIZURE PROMOTER EFFECT OF INFLAMMATORY PROCONVULSIVE AGENTS IN EXPERIMENTAL MODELS OF EPILEPSY.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**
GR-2008-1142445	Definition of new biomarkers and methodologies for the evaluation of the quality of ageing: a biomedical, genetic and statistic integrated approach	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**PSE**	**SSPS**
GR-2008-1142478	Development of a strategy to genetically engineer mouse embryonic stem (ES) cells at high efficiency	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**BST**	

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GR-2008-1142479	The Neural Mechanisms of Embodied cognition in patients with brain lesions, developmental disorders and psychiatric patients: the impact of Mental Simulation	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**IFCN**	**SMI**
GR-2008-1142499	Identification of molecular signatures associated with coronary and carotid artery atherosclerotic diseases progression and clinical acute manifestations through the analysis of peripheral and local immunological pathogenetic determinants.	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**VH**	**AICS**
GR-2008-1142515	The risk/benefit impact of diet-derived estrogenic compounds in breast cancer initiation, progression, and susceptibility.		oncology, nutrition, phytochemicals	Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1142528	Genomic characterization of T helper response and identification of new diagnostics targets in chronic rejection of kidney transplantation	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**imm**	**ttt**
GR-2008-1142538	In vivo molecular imaging in stem cell therapy	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Bioengineering (b) Tissue Repair and Regenerative Medicine	**BST**	
GR-2008-1142549	Computational Models for Phylogenetics Analysis	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**BST**	
GR-2008-1142550	Relation between circadian variations of melatonin secretion, electroencephalographic pattern and outcome of patients with severe neurological damage.	TERAPIA INTENSIVA/INTENSIVE THERAPY		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**
GR-2008-1142554	Development of an experimental biological protocol able to the characterisation of new transbuccal delivery devices for local and systemic therapy		FARMACOLOGIA	Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**BST**	

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GR-2008-1142556	CARATTERIZZAZIONE DELLA CARDIOMIOPATIA DILATATIVA: LA RISONANZA MAGNETICA E L'ECOSTRAIN COME GOLD STANDARDS	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1142557	Sinonasal Cancer National Register (ReNaTuNS)	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1142562	Rheumatoid Arthritis and osteoporosis: is RANK-L/RANK-OPG pathway the knot?	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1142567	CHARACTERIZATION OF SURFACE MARKERS IN HUMAN GLIOBLASTOMA CELLS. FORMULATIONS OF NEW THEAPEUTIC STRATEGIES	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**cbss**
GR-2008-1142584	Flavonoids and cancer risk	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1142591	Nicotine Acetylcholine Receptor Variants: Implication for Understanding, Preventing and Treating Tobacco Addiction.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**RPHB**	**RPIA**

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GR-2008-1142598	Study of human exposure to dioxins in selected populations living in Campania by measuring the internal dose and selected blood protein biomarkers for the evaluation of dose-response relationship	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**pse**	**SSPS**
GR-2008-1142613	Enhancing motor performance by expectation: neurological bases and clinical implication	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MRS**
GR-2008-1142617	Therapeutical approach to hereditary neuropathies: bringing the results of experimental experience to the bedside	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**bdcn**	**cnd**
GR-2008-1142647	Towards new treatment options for patients with Chronic Myeloid Leukaemia (CML) and Multiple Myeloma (MM): identification and validation of new tumor/vessel-molecular targets by comparative proteomic approaches	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1142654	An Integrated System for Home Telemonitoring of Heart Failure Patients	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**SBIB**	**bmit**
GR-2008-1142664	Interazione tra fattori ambientali e genetici nella Sclerosi Multipla: Creazione di un modello per la valutazione del rischio individuale	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**OBT**	**CE**
GR-2008-1142665	Statin-induced myopathy: identification of risk by molecular genetic approach	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**

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GR-2008-1142673	UNRAVELING THE MECHANISMS OF THE ACTIVATION OF RESIDENT CARDIAC STEM CELLS: AN APPROACH TO CARDIOVASCULAR REGENERATIVE THERAPY	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1142674	Diabetes mellitus and salivary gland dysfunction	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**CIGP**
GR-2008-1142675	Vocal stress monitoring device/system	MEDICINA DEL LAVORO		Other Specialized Medical Science (f) DESEASES OF EARS, THROAT AND NOSE	**SBIB**	**btss**
GR-2008-1142684	Use of Intensity Modulated Radiotherapy (IM-RT) for the treatment of Hodgkin's Lymphoma; biological basis of activity and study of late effects	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1142689	Virtual District Management for Healthcare Systems	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1142694	Optical topography monitoring of cerebral haemodynamics oxygenation during intensive care of critically preterm newborns	NEONATOLOGIA/NEONATOLOGY		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**CVRS**	**CCHF**
GR-2008-1142697	Bone marrow-derived cells transplantation in arthritis: preclinical and clinical evidences	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**

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GR-2008-1142714	Temporal dynamics of susceptible population and the health effects of environmental exposures: cohort study of the effects of air pollution and extreme temperatures on the resident population of Rome	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1142715	NOVEL PHAGE DISPLAY-DERIVED PEPTIDES FOR TUMOR- AND VASCULAR-TARGETED THERAPIES AGAINST NEUROBLASTOMA	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1142716	PPARa, fibrates and pancreatic cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1142731	Chromogranin-A and its derived peptides as predictive markers of complex ventricular arrhythmias in patients with dilated cardiomyopathy	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1142735	Bipolar disorder and metabolic syndrome: early identification of the risk, pharmacotherapy problems, and patients quality of life	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**cog**
GR-2008-1142736	EEG MARKERS PREDICTIVE OF ALZHEIMER¿S DEMENTIA IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1142755	Role of BDNF in L-DOPA-induced dyskinesia in animal models of Parkinson´s disease	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**CMBG**
GR-2008-1142781	PARACRINE EFFECTS AND CARDIAC REGENERATIVE POTENTIAL OF FETAL MESENCHYMAL STEM CELLS DERIVED FROM HUMAN PLACENTA	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**

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GR-2008-1142799	The Recovery Approach in Mental Health Services: A Field-Experimentation.	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**RPHB**	**PDRP**
GR-2008-1142808	The New Co-morbidities Associated with Juvenile Obesity: Double Diabetes, Macrovascular Disease and Osteometabolic Syndrome	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**cado**
GR-2008-1142809	Molecular mechanisms of human skeletal muscle atrophy in different neuromuscular disorders: protein modulation and gene expression by microarray technology.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1142810	Possible Role of HPV in Head and Neck cancerogenesis. Diagnostic, clinical and therapeutic future applications.	Ricerca di base/Basic Research		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1142822	VALIDATION OF AN INSTRUMENT FOR THE ATTRIBUTION OF A PRIORITY LEVEL FOR HEALTH CARE SERVICES ALLOCATION OF COMMUNITY-DWELLING OLDER PERSONS	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**DMRD**
GR-2008-1142844	Virtual Reality Enhanced Mannequin for clinical risk management and healthcare personnel training in immersive simulation	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1142848	Functional mapping of ¿eloquent¿ cerebral cortex based on intracranial Electroencephalography (EcoG) and brain computer interface (BCI) technology: a new approach in presurgical evaluation of drug-resistant epilepsies.	NEUROCHIRURGIA/NEUROCHIRURGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	

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GR-2008-1142850	Role of NGF in modulating adult neurogenesis in AD models: towards a cell-based therapy for Alzheimer disease	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**IFCN**	**AUD**
GR-2008-1142851	Single molecule detection	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Bioengineering (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**BST**	
GR-2008-1142860	Effect of plasma uric acid on oxidative stress, insulin sensitivity, endothelial function and inflammation in obesity		Obesity	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CIDO**
GR-2008-1142866	Telemedicine: the future is now	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1142877	Caracteristics and impilications of frontotemporal dementia in amyotrophic lateral sclerosis: a population based study	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CDIN**
GR-2008-1142902	Body composition and energy expenditure of Duchenne Muscolar Distrophy (DMD) patients and correlation with disease progression	Composizione corporea e ossea, metabolismo/bone and body composition, metabolism		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**
GR-2008-1142925	Identification of the neuropsychological, morpho-structural and biochemical markers of focal dementia. Investigation of the impact of language rehabilitation on brain plasticity.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**

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GR-2008-1142945	The effect of air pollution on brain activities evidenced by two non-invasive neuroimaging techniques.	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1142961	Role of microRNAs in Acute Myeloid Leukemia pathogenesis	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**VH**	**HM**
GR-2008-1142979	A multinational study of the EPidemiology, treatment and Outcome of Childhood Arthritis (EPOCA study)	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**PSE**	**BGES**
GR-2008-1142988	The immuno-biological mechanisms behind pregnancy: how they can induce spontaneous remission in multiple sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnbt**
GR-2008-1142989	The neuronal basis of activity and plasticity in the cortico-cerebellar loop and its anomalies in brain disorders		NEUROSCIENZE	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1142999	clay bio-polymer nanocomposites:innovative carriers for drug delivery and gene therapy	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1143015	Hyperhomocysteinemia as a cardiovascular risk factor: development of new approaches for monitoring and treatment.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**CVRS**	**CCHF**

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GR-2008-1143016	CLINICAL AND MORPHOLOGICAL CEREBRAL FEATURES OF BORDERLINE PERSONALITY DISORDER AND BIPOLAR DISORDER	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**COG**
GR-2008-1143040	Protein deamidation and Bcl-XL-mediated apoptosis in hepatic fibrosis progression and in hepatic stellate cells activation	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**hbpp**
GR-2008-1143067	New targets for diagnosis and therapy of Breast Cancer based on characterization of Dependence Receptor signaling pathways	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1143069	Environmental risk factors for maternal and neonatal thyroid hypofunction: the role of thyroid disruptors exposure.	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**cido**
GR-2008-1143084	Pharmacogenetics-oriented terapeutic drug monitoring (TDM) of opioids for chronic pain in clinical practice: a cost effective analysis of the best opioid		Valutazione Efficacia farmaci in Terapia del Dolore/evaluation drugs on Pain Therapy	Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**IFCN**	**NAL**
GR-2008-1143088	Geomedic: tracing mapping and management of clinical and health information by using geographical information system, for analyzing and reasoning on diseases and health economy.	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1143089	Dynamic design of new antitumoral drugs	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**

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GR-2008-1143090	Does rehabilitation with a 10-Hz sensory stimulation improve brain rhythms and cognitive-motor performance in neurological patients? Towards Internet-based clinical applications at subjects¿ home	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CND**
GR-2008-1143091	Prediction of cognitive decline in mild cognitive impairment (MCI) subjects carrying genetic risk factors based on quantitative EEG and transcranial magnetic stimulation markers	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1143092	NATURAL PRODUCTS DURING PREGNANCY AND BREAST-FEEDING	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**EMNR**	**pn**
GR-2008-1143101	Raman Spectroscopy as a Clinical Biochemistry Powerful Tool for the Rapid Identification of molecular fingerprints of microorganisms in biological fluids: comparison with conventional methods in a clinical environment	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**BMIT**
GR-2008-1143157	Assessment of hematologycal parameters in a Sicilian population exposed to pollutants: a comparative screening	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1143161	3D movement analysis in virtual reality environments: new technologies for the investigation, evaluation and treatment of neurological disorders.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1143164	Safety, feasibility, and efficacy of neuromuscular electrical stimulation in evaluation and treatment of pathological conditions		Medicina Fisica e Riabiitativa	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MRS**
GR-2008-1143166	New histone deacetylase inhibitors with anticancer properties and potential translational activity		Onco-ematologia sperimentale	Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**OBT**	**CAMP**

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GR-2008-1143168	Innovative Purinergic Targets For Amyotrophic Lateral Sclerosis	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**BPNS**
GR-2008-1143174	Enzimi della biosintesi degli steroli rappresentano nuovi bersagli farmacologici per inibire l'angiogenesi e la crescita tumorale/ Sterol biosynthetic pathways: new targets for anti-angiogenesis and anti-tumor therapies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**CAMP**
GR-2008-1143201	Non-invasive tools for early detection of Autism Spectrum Disorders	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**ETTN**	
GR-2008-1143202	Combined effects of a simultaneous exposure to noise and organic solvents on hearing function: experimental and clinical studies	OTORINOLARINGOIATRIA		Other Specialized Medical Science - (f) Deseases of Ears, Throat and Nose	**MOSS**	**ODCS**
GR-2008-1143212	In vivo silencing of autophagic genes (Atg) by electroporation-mediated transfection. A promising target therapy to improve chemosensitivity of tumour cells.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1143226	Does functional pasta including ingredient supplements exert bioprotective effects on central nervous systems of elderly subjects with subjective memory complaints?	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1143231	Sudden unexpected infant and perinatal death: a new anatomo-pathological, clinical and genetic multidisciplinary approach.	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**EMNR**	**pn**
GR-2008-1143246	Nutrition, growth and neurocognitive outcome of preterm infants at 12 months of corrected age.	NEONATOLOGIA/NEONATOLOGY		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**BDCN**	**dbd**

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GR-2008-1143247	Extracorporeal cardiac shock waves therapy for ischemic heart disease: study of safety, efficacy and mechanisms of action	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1143251	A novel and non invasive insulin administration route	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**SBIB**	**BTSS**
GR-2008-1143274	The role of CBX7 and its interactors in cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1143275	Un nuovo strumento predittivo di rischio cardiovascolare e cronicizzazione del dolore/A new predictor of cardiovascular risk and pain chronification	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1143276	Asthma exacerbations: role of respiratory viral infections and inflammatory-immune response to identify potential therapeutic targets	PNEUMOLOGIA/PNEUMOLOGY		Cardiovascular and Respiratory Sciences - (d) Lungs (including molecular, cellular, transport, translation research)	**IDM**	**CRFS**
GR-2008-1143278	NOVEL APPROACHES TO TREATMENT OF BREAST CANCER	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1143284	Identification of new gamma-glutamyl transpeptidase inhibitors and bacterial production of gamma-glutamyl compounds for the selective use in chemotherapy		nuovi farmaci chemioterapici/new chemotherapic drugs	Basic Sciences & Novel Technologies - (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**CB**	**csrs**
GR-2008-1143301	Development of tools and models to integrate quality improvement programs, clinical pathways and patients¿ flows.	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bmrd**

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GR-2008-1143318	Multimodal imaging system for the identification of vulnerable atherosclerotic plaques	ANGIOLOGIA/ANGIOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**SBIB**	**medi**
GR-2008-1143346	DNA damage- and oncogene-induced checkpoints in adult stem cells	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1143347	Prevention of cardio-cerebrovascular disease. Role of new factors in the risk assessment: family history of premature events and obesity	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1143361	Identification of molecular targets for innovative therapeutic strategy for thyroid tumors	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1143362	Targeting human mesenchymal stem cells to vascular lineage: new strategies encompassing differentiating and paracrine logics for vascular rescue in Pulmonary Arterial Hypertension	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (d) Lungs (including molecular, cellular, transport, translation research)	**CVRS/Lungs**	**LIRR**
GR-2008-1143364	Nanoparticles for biomedical applications: physico-chemical characteristics and toxicological properties	RISCHIO SANITARIO DA MATERIALI INNOVATIVI		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1143366	New players in melanoma progression: microRNAs and exosomes.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**camp**
GR-2008-1143367	Crohn's disease and endometriosis: background and development of experimental models	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cigp**

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GR-2008-1143399	Clinical-epidemiological study on the risk of carcinogenesis of oral and oropharyngeal mucosa in relation to human papilomavirus infection: role of virological and cellular markers in diagnosis and treatment planning (surgery vs radio-chemotherapy)	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1143402	Identification and validation of new therapeutic targets for mantle cell lymphoma	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**MONC**
GR-2008-1143403	A Probabilistic Expert System for the appropriate use of upper gastro-intestinal endoscopy	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**SBIB**	**bmit**
GR-2008-1143404	Molecular and genetic basis of the antibiotic resistance and virulence in Acinetobacter baumannii	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**DDR - Drug**
GR-2008-1143408	Methylome profiling and clinical correlations in Neuroblastoma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**cbss**
GR-2008-1143410	Discovery Proteomic Analysis of Human Ovarian Cancer Stem Cells and Functional Validation of Targets	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1143440	THE USE OF AMNIOTIC MESENCHYMAL CELLS (AMC) FOR TISSUE REPAIR IN OVINE AND EQUINE MODELS OF ORTHOPEDIC INJURIES	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**

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GR-2008-1143441	Studying the pathologies of vocal cords for automated early identification of larynx diseases. Definition of protocols for early detection, screening and monitoring of activity related to the treatment of the laryngeal tract and vocal cords	OTORINOLARINGOIATRIA		Other Specialized Medical Science - (f) Deseases of Ears, Throat and Nose	**SBIB**	**btss**
GR-2008-1143442	ZINC SULPHATE: SAFETY AND EFFICACY IN ALZHEIMER¿S DISEASE PATIENTS TREATED WITH ACETYLCHOLINESTERASE INHIBITORS. A PROSPECTIVE, RANDOMIZED, DOUBLE BLIND, PARALLEL, & PLACEBO-CONTROLLED PHASE II STUDY	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**
GR-2008-1143458	Mineralocorticoid Receptor Regulation of ICAM1 and Leukocyte Adhesion to Human Endothelial Cells: Mechanism and In Vivo Role in Atherosclerosis	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**HM**
GR-2008-1143459	In vivo dynamics of immune reconstitution after hematopoietic stem cell gene therapy	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**imm**	**ttt**
GR-2008-1143465	Pharmacogenomic analysis by single nucleotide polymorphism array and gene expression profiling in multiple myeloma patients treated with novel, nongenotoxic agents	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1143487	Combined MR and PET imaging for monitoring stem cell therapies		Cellular and Molecular Imaging	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**SBIB**	**BMIT**
GR-2008-1143488	Role of protein kinase ATM in neurodegeneration and tumorigenesis	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**

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GR-2008-1143503	Role of the heparanase/heparan suphate system as therapeutic target in pediatric sarcomas	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**otc**	**dt**
GR-2008-1143521	Evaluation of in vivo regional brain perfusion changes and brain activation patterns using single photon emission computed tomography and functional magnetic resonance imaging in ataxia-telangiectasia patients during betamethasone treatment.	MEDICINA NUCLEARE/NUCLEAR MEDICINE		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**ETTN**	
GR-2008-1143524	Phenotypic and functional evaluation of human Vdelta2 T cells in patients with hepato-cellular carcinoma: a potential tool for targeted immunotherapy in liver cancer.	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**otc**	**bmct**
GR-2008-1143535	IN VIVO MAGNETIC RESONANCE AND FLUORESCENCE IMAGING OF DENDRITIC CELL MIGRATION: A VACCINE		IMMUNO-ONCOLOGIA/IMMUNO-ONCOLOGY	Oncology - (a) Clinical Oncology (Disease driven research)	**IMM**	**CMIA**
GR-2008-1143545	Cortical plasticity in healthy humans and patients with different movement disorders: correlation between repetitive transcranial magnetic stimulation findings and BDNF genotyping	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1143546	Activation of Nuclear Bile Acid Receptor FXR as a novel therapeutic approach to colon cancer	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**cigp**
GR-2008-1143558	Molecular characterization and investigation of the DNA damage response in pericytes obtained from different tissues	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (e) Structural Biology (including computational methods for protein & DNA structure)	**CB**	**csf**
GR-2008-1143560	Exploiting proteotoxic stress against plasma cell malignancies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1143561	Assessment of Cardiovascular disease in IUGR fetuses and neonates	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**

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GR-2008-1143562	Studies of molecular and cellular mechanisms involved in the pathogenesis of different forms of Porphyrias.	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1143574	Functional evaluation of CFTR in blood leukocytes in human subjects as a new tool for diagnostic and clinical research applications.	Ricerca preclinica/Preclinic reasearch		Basic Sciences & Novel Technologies (d) Genomics, Proteomics, and their Applications to Systems Biology	**CVRS**	**CCHF**
GR-2008-1143578	Diagnostic imaging for prodromal Alzheimer¿s Disease: implementation of advanced protocols based on magnetic resonance and FDG-PET		neuroscienze	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1143582	NEMO protein an ideal therapeutic target in melanoma tumor	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1143597	Role of the Wnt pathway on degeneration and regeneration of nigrostriatal dopaminergic neurons	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMBG**
GR-2008-1143599	An in vitro model using blood and cerebrospinal fluid to study the autophagy and mitochondriogenesis pathways in Amyotrophic Lateral Sclerosis.	Ricerca preclinica/Preclinic reasearch		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**BPNS**
GR-2008-1143611	Gene and protein expression profiling of apoptosis markers in subjects with Down Syndrome	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1143613	Role and clinical significance of Tie2-expressing monocytes and circulating endothelial cells in cancer patients	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**

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GR-2008-1143616	Development and test of portable devices for quality controls of diagnostic X ray beams	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**MEDI**
GR-2008-1143640	Role of BAG3 protein in thyroid cancer	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**ce**
GR-2008-1143642	Influence of patient related factors on the muscoloskeletal tissues and on reconstructive therapies	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**
GR-2008-1143650	A multicenter study of the prevalence and distribution of hearing loss in the first three years of life in the province of Modena and Reggio Emilia	AUDIOLOGIA		Populations Studies (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1143651	EVALUATION OF GENOTOXIC DAMAGE IN WORKERS OCCUPATIONALLY EXPOSED TO LOW DOSES OF IONIZING RADIATION: ROLE OF INDIVIDUAL MUTAGEN SENSITIVITY AND INFLUENCE OF GENETIC POLYMORPHISMS.	MEDICINA DEL LAVORO		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1143656	Levosimendan to reduce mortality in high risk cardiac surgery patients. A multicentre randomized controlled trial.	TERAPIA INTENSIVA/INTENSIVE THERAPY		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**PSE**	**CASE**

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GR-2008-1143668	Non-invasive brain stimulation: a new tool to improve cognitive and motor rehabilitation after stroke	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**binp**
GR-2008-1143676	A UNIQUE EXAMPLE OF IMMUNE TOLERANCE IN HUMANS: THE FETOMATERNAL MODEL		Immunologia/Trapianto	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**HAI**
GR-2008-1143677	Obesity: the model of intervention Skill Training	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**RPHB**	**BMIO**
GR-2008-1143681	Biological markers of cancer stem cells	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1143682	The role and the influence of the Information and Communication Technology and the Social Network Analysis for the improvement of Diabetic patients¿ care paths	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**cihb**
GR-2008-1143692	Development of anthropometric and ergonomic databases for differently able people through physical and virtual experiments, aimed to life quality improvement and health innovation	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bmrd**
GR-2008-1143696	The Role of Vascular Smooth Muscle Cell Mineralocorticoid Receptors in Vascular Function and Disease	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**VH**	**VCMB**

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GR-2008-1143699	Dioxin and ovotoxicity: biomarkers for identification of threshold values in large animal models and in humans	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**EMNR**	**CADO**
GR-2008-1143700	Human papillomavirus: an epidemiologic and transversal prospective clinical study	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**ce**
GR-2008-1143703	Motor cortex stimulation for upper limb functional recovery in chronic post-stroke subjects: a randomised cross-over double-blind study with six-month follow-up.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**binp**
GR-2008-1143707	Healthy lifestyles promotion in Europe. A comparative study on best practices and processes of implementation by different municipalities		Promozione della salute e di stili di vita salutari	Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1143748	THE EFFECTS OF SLEEP LOSS AND NAPPING SCHEDULE ON EXECUTIVE FUNCTIONS IN MEDICAL RESIDENTS	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RPHB**	**RPIA**
GR-2008-1143749	Development of tools for dioxin and PCBs risk management and reduction in milk and dairy product (DIOXMAN)		Food Safety	Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**xnda**
GR-2008-1143753	Neuro-rehabilitation of post-stroke neglect by non invasive cortical stimulation.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cnd**

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GR-2008-1143755	miRNAs as novel prognostic and therapeutic tools in prostate cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1143758	Oxidative and nitrosative stress in patients with chronic heart failure: clinical correlates and prognostic value.	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**cchf**
GR-2008-1143773	Combined therapy of neuroblastoma by cytokines, antibodies and new anticancer compounds	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1143778	EMERGENCY AND TRAINING: AN EVALUATION OF ECM TRAINING IN EMERGENCY AREA	EMERGENZA/URGENZA		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1143790	Studio delle relazioni tra infiammazione, modificazioni morfostrutturali cerebrali e correlati neuropsicologici e comportamentali della depressione in pazienti con infarto miocardico acuto sottoposti ad intervento coronarico percutaneo (PCI)	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BBBP**	**APDA**
GR-2008-1143792	Lactic acid bacteria and prevention of human cancer caused by food-born compounds: identification of the fundamental mechanisms and the molecular components involved.	Ricerca di base/Basic Research		Oncology (b) Molecular and Cellular Level Oncology	**CB**	**mist**
GR-2008-1143798	A prospective randomized mono-centric study: comparison of laparoscopic Roux-en-Y Gastric Bypass and laparoscopic one-anastomosis Gastric Bypass for the treatment of morbid obesity	CHIRURGIA/SURGERY		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**DKU**	**cigp**
GR-2008-1143816	Innovative tool for Unicompartmental Knee Replacement performance improvement	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**

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GR-2008-1143845	Chronic Venous Insufficiency (CVI): Disease management and Pharmacoeconomy	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**VH**	**VCMB**
GR-2008-1143858	The role of masticator muscle abnormal contraction in the development of the tension headache.The genesis of pain in the pathology of Temporomandibular Joint (TMJ). The treatment of TMJ pain and tension headache through the MAM (Muscular Acoustic Modulato	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**ETTN**	
GR-2008-1143861	Using Engineering Mathematical Models and CT 4D Imaging to understand the Hemodynamics After Aortic Prosthesis Insertion	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**BTSS**
GR-2008-1143863	Integration of New Technologies for Minimally Invasive Diagnosis, Surgery and Clinical Outcome Prediction: The Use of Image Guided Surgery (IGS) and Computer Assisted Surgery (CAS) in the Treatment of Musculoskeletal Tumours		ONCOLOGY / ORTHOPAEDICS / BASIC RESEARCH	Oncology - (b) Molecular and Cellular Level Oncology	**SBIB**	**BMIT**
GR-2008-1143867	Early steps in the pathogenesis of chronic inflammatory diseases: identification and validation of novel molecular targets in leukocyte extravasation.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1143875	Simulation and visualization of the vascular system for surgery	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**SBIB**	**BMIT**
GR-2008-1143876	A novel strategy in antitumoral therapy: use of bioactive molecules present in Hedera helix L.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1143878	Operational protocol for the treatment of cranio-maxillo-facial deformities from birth to the end of development	CHIRURGIA/SURGERY		Other Specialized Medical Science (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**MOSS**	**odcs**

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GR-2008-1143884	A bright idea to detoxify CO poisoned patients	TERAPIA INTENSIVA/INTENSIVE THERAPY		Basic Sciences & Novel Technologies (d) Genomics, Proteomics, and their Applications to Systems Biology	**SBIB**	**HP**
GR-2008-1143885	Esmolol in cardiac surgery. A multicentre randomized controlled trial with clinical relevant end-points	TERAPIA INTENSIVA/INTENSIVE THERAPY		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1143890	Molecular mechanisms involved in leukocyte recruitment in cerebral vessels and in the pathogenesis of seizures and epilepsy	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1143894	Sistema integrato di gestione per l'ottimizzazione della prestazione sanitaria in ambito odontoiatrico pubblico e privato	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**hdm**	**HSOD**
GR-2008-1143903	Prevenzione dello sviluppo di Obesità e Sindrome Metabolica in soggetti predisposti e Riabilitazione cardiovascolare: elaborazione di linee guida di attività fisica e studio di applicabilità sul territorio.	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1143909	Integration of screening program with identification of women at risk for hereditary and familial breast cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cdp**
GR-2008-1143917	Identification of novel candidate genes acting as potential tumor suppressors in aggressive B-cell lymphomas	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**camp**

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GR-2008-1143934	New strategies for craniofacial tissue engineering	Ricerca di base/Basic Research		Neuroscience (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MOSS**	**ODCS**
GR-2008-1143950	Puberty in Autism Spectrum Disorders	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**bbbp**	**cpdd**
GR-2008-1143953	THE PURSUIT OF RESPONSE: EVALUATION OF ERCC1 AND OTHER MARKERS IN CISPLATIN-TREATED METASTATIC BREAST CANCER	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1143957	CELL-BASED THERAPY FOR OSTEONECROSIS IN CHILDREN AFTER INTENSIVE CHEMOTHERAPY AND/OR BONE MARROW TRANSPLANTATION	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**MOSS**	**MTE**
GR-2008-1143958	Role of leukocyte telomere length and CD34+ hematopoietic precursor telomerase activity in the pathogenesis of cellular senescence in diabetic nephropathy.		Nefropatia diabetica	Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**CMBK**
GR-2008-1143982	Developing a bioinformatics approach to infer factors involved in human diseases from biological network data	BIOINFORMATICA/BIOINFORMATICS		Populations Studies - (d) Bioinformatics (medical records, databases, searches, statistical methods)	**BST**	
GR-2008-1143983	Lung tumor profiling by ProteinChip/SELDI-TOF technology and identification of specific biomarkers to use in early diagnosis.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1143985	HuR protein as a key prognostic factor and a potential drug target in solid tumors	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**

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GR-2008-1143987	Mutational and non-mutational molecular abnormalities in differentiated thyroid carcinomas resistant to conventional therapies: implications for diagnosis and therapy	MALATTIE ENDOCRINE		Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**OTC**	**bmct**
GR-2008-1144034	Biochemical markers in Hemorragic stroke		Biochimica/ Biochemistry	Basic Sciences & Novel Technologies - (b) Biochemistry and Chemistry (including drug discovery and assay development)	**VH**	**VCMB**
GR-2008-1144047	Public and private veterinarian structures as epidemiological privileged observatory for the classical and emerging zoonoses in the light of new breeding tenden	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1144049	Drug screening microfluidic devices for anti-osteoporosis therapies	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**BST**	
GR-2008-1144062	Polymeric hydrogels realization for application as bulking agents in urinary incontinence	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**ukgd**
GR-2008-1144064	Genetic mapping of coronary heart disease	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**GGG**	**ghd**
GR-2008-1144073	Bioinformatics and biotechnology approaches in the construction of an electro-optical-photosynthetic based biosensor for public health safety according to the EU Directives ¿Water Framework 2000/60/EC and Food 2008 /51/EC¿	Applied Research		Bioengineering (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**bmit**

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GR-2008-1144081	A new approach for studying PMP70 implication in X-linked Adrenoleukodystrophy clinical phenotype	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1144100	Potentially new and re-emerging epidemics: integrated disease-specific research on West Nile, Dengue and Chikungunya Virus infections	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1144101	Caspase-3, a biomarker for Alzheimer's Disease, as the starting point for synapse-protective therapies preventing neuron loss and cognitive dysfunction	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1144108	The role of the caregiver in the integrated social-health management of dementia. Evaluation-intervention research in Calabria Region (Italy)	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**HSOD**
GR-2008-1144109	Influence of quetiapine treatment on seizure threshold	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**BINP**
GR-2008-1144120	The prevention of Bisphosphonates Related Osteonecrosis of the Jaw. The effectiveness of endoscopically assisted non surgical periodontal therapy.		Parodontologia - Odontostomatologia - chirurgia maxillofaciale	Other Specialized Medical Science - (d) Dental Research	**MOSS**	**SBDD**
GR-2008-1144127	Use of leukocytes as circulating biosensors of metabolic maladaptations connected with the sedentary life style	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**EMNR**	**CADO**

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GR-2008-1144132	Predictive molecular profiling of anastrozole neoadjuvant hormonal therapy response in sporadic breast carcinoma	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (a) Clinical Oncology (Disease driven research)	**obt**	**CE**
GR-2008-1144148	Pattern of cardiovascular risk in chronic kidney disease patients	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DUK**	**pbkd**
GR-2008-1144164	Multidisciplinary approach of cachexia associated to chronic diseases. Clinical translational study to evaluate the efficacy of a oral, ambulatorial, low cost effective approach for the treatment of cachexia applicable to daily clinical practice	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**conc**
GR-2008-1144166	HUMAN WELL-BEING: A TWIN STUDY ON THE RELATION BETWEEN OPTIMAL PSYCHOLOGICAL AND BIOLOGICAL FUNCTIONING		GENETICA COMPORTAMENTALE E NEUROSCIENZE / BEHAVIOUR GENETICS AND NEUROSCIENCES	Neuroscience - (b) Molecular and Cellular Neuroscience	**MDCN**	**BPNS**
GR-2008-1144168	Smart enviroment for autonomous life	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1144186	Multifunctional nanoparticles to downregulate gene expression in human primary cells	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1144197	Organization of emergency medical and hospital services and injuries: search of evidence, analysis of the Tuscan context and production and spread of a better managerial culture		Epidemiologia, evidence based prevention e modelli organizzativi	Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**HSOD**
GR-2008-1144206	TARGETED DELIVERY OF DRUGS FOR THE TREATMENT OF TEMPORAL LOBE EPILEPSY.	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**BDCN**	**cnd**

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GR-2008-1144207	The role of bone marrow stromal cells as vascular organizers	ANGIOLOGIA/ANGIOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**vcmb**
GR-2008-1144208	Prospective translational study of a multifactorial system to predict response to HER2-targeted drugs in patients with HER2-positive advanced breast cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**monc**
GR-2008-1144278	Development of a system for assessment of early markers of cardiovascular risk	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1144286	Development of a low cost method for the diagnosis of human papillomavirus infection	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**HIBP**
GR-2008-1144315	Trattamento con metformina per la prevenzione del diabete gestazionale in pazienti ad alto rischio	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**CADO**
GR-2008-1144316	Micro-RNA-199a as a tool for diagnosis, prognosis and therapy of hepatocellular carcinoma	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1144330	Ischemia resistant neural stem cell transplantation on traumatic spinal cord injury and neurodegenerative diseases	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**BDCN**	**binp**

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GR-2008-1144331	Dendritic Cells loaded with autologous tumor lysate: immunologic and proteomic analysis to improve antitumour vaccine potency and efficacy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1144333	MyD88: A New Therapeutic Molecular Target for the Treatment of Multiple Sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1144340	The MP65 protein of Candida albicans- a target for diagnosis, vaccine and therapeutic development	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1144341	An innovative VLP-based biotechnological platform for the development of vaccines against viral diseases	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1144348	Stabilizing photoreceptors in retinal neurodegenerative processes: saffron treatment	Ricerca preclinica/Preclinic reasearch		Other Specialized Medical Science (a) Eye and Vision Research	**CB/eye**	**BDPE**
GR-2008-1144357	Strategies of cell therapy for diseases of mesodermal tissues	Ricerca preclinica/Preclinic reasearch		Other Specialized Medical Science (e) Dermatology	**MOSS**	**ACTS**
GR-2008-1144358	First Line Dose-Dense Chemotherapy With Docetaxel, Cisplatin, Folinic Acid and 5- Fluorouracil plus Panitumumab in Patients With Metastatic or locally advanced Cancer of the Stomach or Gastro-oesophageal Junction: A Phase II Multicenter Trial	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1144373	Extracellular matrix remodelling and fibrosis in skeletal muscle dystrophies: a systems biology approach.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**SBDD**

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GR-2008-1144378	Relationship between genetic defects of homocysteine metabolism and atherothrombotic vascular risk in cardiosurgery patients.	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**vh**	**VCMB**
GR-2008-1144380	Evaluation of antitumor efficacy of 6-(7-nitro-2,1,3-benzoxadiazol-4-ylthio)hexanol (NBDHEX) in conjuction with porphyrin-based photosensitizers	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1144382	treatment of post-menopausal osteoporosis: the role of cannabinoid/vanilloid system		pharmacology	Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**MOSS**	**SBDD**
GR-2008-1144387	Study of molecular mechanisms underlying the chemosensitizing and anti-mycotic effects induced by the essential oil ¿TEA TREE OIL¿ (TTO) on sensitive and resistant strains of Candida and Aspergillus.		Malattie infettive e terapie innovative	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1144395	Brain plasticity in mood disorders: a neurophysiological and genetic study.	Ricerca preclinica/Preclinic reasearch		Neuroscience (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**cnnt**
GR-2008-1144397	The Gata1(low) mouse as a model to identify treatment strategies for primary myelofibrosis.	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**
GR-2008-1144413	MEMENTO project: MEMory ENhancement by Transcranial Oscillatory potentials	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**CND**

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GR-2008-1144425	Non rheumatic calcific aortic stenosis: a translational study addressing the role of oxidative stress and NO pathway	CARDIOCHIRURGIA/CARDIAC SURGERY		Cardiovascular and Respiratory Sciences - (b) Heart Surgical Methods and Imaging (including stents, valves, heart imaging)	**vh**	**AICS**
GR-2008-1144431	Copper role in neurodegenerative diseases.	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**CMND**
GR-2008-1144435	Analysis of the role of socio-economic determinants in predicting the risk of stroke in the elderly	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**BBBP**	**apda**
GR-2008-1144439	Evaluating and Managing disease path communities	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**HSOD**
GR-2008-1144460	Asbestos exposure in life and occupational environment. Thermal transformation of cement-asbestos (Eternit) and in vitro toxicology studies.	MEDICINA DEL LAVORO		Cardiovascular and Respiratory Sciences (d) Lungs (including molecular, cellular, transport, translation research)	**cvrs**	**lcmi**
GR-2008-1144473	Validation of an advanced protocol for the preclinical diagnosis of Alzheimer¿s disease	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1144478	Use of immunotherapy by allergists and perceived efficacy among patients in Italy	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**vmd**

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GR-2008-1144480	Identification of the molecular pathways involved in cell damage and death induced by photodynamic therapy. In order to suggest novel anticancer targets.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1144484	MicroRNAs as molecular markers to design novel therapies for glioblastoma and colorectal cancer treatment	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**otc**	**cbss**
GR-2008-1144485	Analyzing the genetic architecture of Crohn's disease. The International IBD Genetic Consortium study	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GVE**
GR-2008-1144493	Diabetes type II associated neuropathy: investigation of molecular mechanisms of neurodegeneration as a target for early diagnosis and therapy	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1144495	Anaesthetic drug survey, nutritional assessment and possible predictive genetic factors to prevent cognitive dysfunctions and inflammation in old patients underwent to ¿day surgery¿	Valutazione efficacia farmaci/Evaluation drugs		Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**HDM**	**BMRD**
GR-2008-1144512	ULTRAVIOLET RADIATION AND PHOTOINDUCED PATHOLOGIES: QUANTIFICATION OF EXPOSURE AND BIOMARKERS IDENTIFICATION AIMED AT PREVENTION	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**SBIB**	**bmit**
GR-2008-1144527	PHAGOCYTOSIS IN PHOTODYNAMIC ANTI-TUMOR THERAPY	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1144536	A longitudinal MRI investigation of patients with mild cognitive impairment using structural and functional techniques to identify biomarkers of diagnostic and prognostic value.	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1144564	Cell polarity and totipotency control: a job of RNA-binding proteins	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**CB**	**ici**

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GR-2008-1144566	Atherosclerosis: relationship between lipids, toxic and autoimmune factors in induction of intimal inflammation and damage	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1144596	The development of a biomarker-based drug for use in an antimetastasis therapy targeting the scaffolding protein NHERF1	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1144608	Best clinical practice for heritable aneurysmal and dissecting diseases of the aorta	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1144633	Glucose Monitoring by Minimally Invasive Extraction of Dermal Intertitial Fluid Using Microneedles		DIABETOLOGIA/DIABETOLOGY	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1144634	IMMUNOPATHOGENIC MECHANISMS IN TOURETTE¿S SYNDROME AND MULTIPLE SCLEROSIS	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1144641	HEREDITARY BREAST AND OVARIAN CANCER: NOVEL APPROACHES TO CLASSIFY BRCAX PATIENTS		GENETICA ONCOLOGICA/GENETIC ONCOLOGY	Oncology - (a) Clinical Oncology (Disease driven research)	**oct**	**BMCT**
GR-2008-1144665	Expression of APP isoforms in platelets: a potential peripheral marker of Alzheimer disease	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**MNPS**

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GR-2008-1144669	Microbial polysaccharide-induced immunosuppression: new agent for treating rheumatoid arthritis	Ricerca preclinica/Preclinic reasearch		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1144736	Behavioral approches in the management of pain in cancer patients	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1144755	Optimization of chemotherapy with platinum based antitumor drugs, by DNA and/or RNA nucleobases	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**otc**	**DMP**
GR-2008-1144760	Carcinogenesis in Barrett¿s esophagus: regression mechanisms of low grade dysplasia and construction of a vaccine against esophageal adenocarcinoma	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1144777	HIV epidemic in irregular immigrants: viral diversity, drug resistance and coinfection	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1144817	Uncovering mitochondrial mutations in nephrotic syndrome as a basis to understand mitochondrial function in glomerular podocyte signaling.	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1144825	PROSPECTIVE EVALUATION IN REAL LIFE OF THE EFFECT OF SUBLINGUAL IMMUNOTHERAPY ADDED TO PHARMACOTHERAPY ON ASTHMA CONTROL AND ITS SOCIAL IMPACT	ALLERGOLOGIA/ALLERGOLOGY		Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**vmd**
GR-2008-1144830	The role of HGF/MET system in the pathogenesis of muscle atrophy with particular reference to cancer cachexia	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**

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GR-2008-1144849	Development of non invasive multimodal techniques for the characterization of epileptogenic area in patients with partial onset epilepsy	NEUROCHIRURGIA/NEUROCHIRURGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1144878	PAIN PERCEPTION AND TREATMENT IN UNCONSCIOUS MECHANICALLY VENTILATED PATIENTS IN INTENSIVE CARE (HOSPITAL ENVIRONMENT)	TERAPIA INTENSIVA/INTENSIVE THERAPY		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**BDCN**	**cnd**
GR-2008-1144879	ABC transporters as potential targets for modulation of drug resistance in brain tumors	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**
GR-2008-1144882	New tools for the diagnosis of immunodeficiencies with cytolytic defects and search for new gene related disease.		Immunodeficiencies	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIB**
GR-2008-1144939	MicroRNAs expression and potential role in bone sarcomas	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1144942	Cell-free cryopreserved arterial allografts from multiorgan donors: a new strategy to fabricate artificial blood vessels suited for peripheral vascular surgery.	Ricerca preclinica/Preclinic reasearch		Cardiovascular and Respiratory Sciences (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1144948	House and mental health: the participatory evaluation of residantial services	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**DMRD**
GR-2008-1144962	Functional Magnetic Resonance Imaging of the human spinal cord: development and application to the study of spinal pain modulation		NEUROIMAGING	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1144980	Exploring the endocannabinoid system to face inflammatory neurodegeneration in Multiple Sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**

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GR-2008-1144988	Using Cancer Testis Antigens as Immunological Target in Ovarian Cancer Patients	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**monc**
GR-2008-1144989	Effects of a selective inhibitor of NF-kB in experimental models of airway inflammation.		FARMACOLOGIA	Basic Sciences & Novel Technologies - (h) Pharmacology, Pharmacokinetics, Pharmacodynamics	**CB**	**mist**
GR-2008-1144990	A national survey of cumulative effective dose from medical radiation exposure	Studi osservazionali di casistica		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1144996	The role of BDNF as a biomarker for affective and anxiety disorders and for response to pharmacological treatments	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**IFCN**	**cog**
GR-2008-1145000	Tumor suppressor targeting as a novel molecular therapy for cancer: the Bcr-Abl ¿ Hausp ¿ FoxO3a pathway in Chronic Myeloid Leukemia	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1145011	Phase II randomised study of combination chemotherapy with Gemcitabine, Cisplatin and Paclitaxel +/- Bevacizumab in patients with advanced urothelial cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1145012	Interaction between representative lung surfactants and toxic respirable mineral dusts. Computational , kinetic and in vitro approaches	Ricerca di base/Basic Research		Populations Studies (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**BCMB**	**BBM**
GR-2008-1145036	Development and employment of SOCS1 mimetic peptides for the inhibition of deleterious cytokine networks during inflammatory skin diseases	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**MOSS**	**acts**

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GR-2008-1145041	Coated Magnetic Nanoparticles of Tailored Size for Diagnostic and Treatment of Advanced and Metastatic Neoplastic Disease	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BST**	
GR-2008-1145042	Detection of Brucella DNA in in-vitro produced embryos derived from ovaries of naturally infected buffaloes	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IDM**	**BACP**
GR-2008-1145072	Role of the lymphatic system in metastatic capacity of melanoma.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**TCB**
GR-2008-1145126	Assessment of morbid obesity in the population of Modena. Prospective cohort study with analysis of treatment (medical or surgical) and evaluation of outcome predictors; assessment of cardiovascular and liver disease risk		OBESITA'	Digestive, Kidney, Urological & Reproductive Systems - (a) Endocrinology (including diabetes, nutrition, obesity)	**ENMR**	**CADO**
GR-2008-1145136	The avoidable diagnostic delay for diagnosis of acute aortic syndromes	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**VH**	**AICS**
GR-2008-1145149	Microenvironmental immunoregulatory circuits in the establishment of tuberculosis disease: interdisciplinary study of clinic, immunology and bioinformatics		Immunology of infectious diseases	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1145159	PRO-CARE: PRogramme Of CArdiac REhabilitation. A multidisciplinary approach to lifestyle changes in cardiovascular secondary prevention.	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**RPHB**	**bmio**
GR-2008-1145165	extended newborn screening of inherited rare metabolic diseases using tandem mass spectrometry	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**NSCF**

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GR-2008-1145167	Heart rate variability analysis and innovative biomarkers in non-ST elevation myocardial infarction/unstable angina: a cohort study	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**mim**
GR-2008-1145168	OXIDATIVE STRESS IN DIALYSIS (OXISTRED)	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1145169	Tele-cardiology for general practitioners: early diagnosis of heart disease in the elderly.	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1145172	NEURODEGENERATION: THE MOLECULAR ROLE OF NEUUROSERPIN	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**MDCN**	**cmnd**
GR-2008-1145182	Proinflammatory/proapoptotic cytokines as molecular targets for innovative therapeutic intervention in neurodegenerative diseases.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMND**
GR-2008-1145196	Vector-borne disease monitoring in Piemonte		virology	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1145201	Role of IL-23 and IL-27 in the control of human B cell malignancies	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OBT**	**camp**
GR-2008-1145203	Determinants, models and instruments for measuring continuity of care	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**

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GR-2008-1145254	Clinical and molecular characterization of rheumatoid arthritis in remission: pathologic spectrum and prognostic biomarkers	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1145270	Study of cholesterol metabolism as biomarker in Huntington disease: new insights in the pathogenesis of neurodegeneration	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**CMND**
GR-2008-1145307	Novel Mass Spectrometry Immunoassay technology for detection of proteins and peptides used in sports	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BST**	
GR-2008-1145316	INNOVATIVE DIAGNOSIS OF ACUTE CORONARY SYNDROMES THROUGH DETECTION OF MITOGEN-ACTIVATED PROTEIN KINASES UP-REGULATION IN T-LYMPHOCYTES	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**mim**
GR-2008-1145323	A new strategy to prevent and cure breast cancer: targeting signals evoked by the receptor tyrosine kinase Fms	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1145341	Identification of molecular markers of apoptosis resistance and invasiveness as targets of innovative therapy strategy for high malignant human gliomas	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**otc**	**dt**
GR-2008-1145372	Osteopontin Stimulates Mmp Activation in Rhabdomyosarcoma.	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**BDA**	**ASG**
GR-2008-1145374	Action execution improves action recognition in apraxia		Neuropsychology	Populations Studies - (b) Behavioral Sciences and Psychology	**BBBP**	**APDA**

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GR-2008-1145375	soggetti deboli in ambiente sfavorevole		problematiche socio-sanitarie emergenti	Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**RBPH**	**BMIO**
GR-2008-1145388	Restoration of virus specific T cell memory in chronic HBV infection: implications for optimization of antiviral-therapy.	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1145389	Cardioprotective effect of telmisartan in cancer patients treated with epirubicin.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1145396	Immunoglobulin G Fragment C Receptor Polymorphisms and Clinical Efficacy of Neo-adjuvant Trastuzumab-Based Treatment in Patients with HER-2/neu-positive Breast Cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**dt**
GR-2008-1145477	Role of the costimulatory molecules in the pathogenesis of T cell dysfunction in chronic HBV and HCV infections: diagnostic and therapeutic implications.	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1145481	Production of specific molecules against ion channel based diseases: new tools for K+ channel¿s targeting in oncology.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**BCMB**	**bbmb**
GR-2008-1145495	Development and clinical experimentation of a low-cost telerehabilitation framework based on kinematic and electromyographic biofeedback techniques		Riabilitazione	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**HDM**	**BCHI**

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1145507	Development of a new model for the clinical and economic evaluation of medical devices and hospital drugs in Emilia Romagna Region	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**HDM**	**BMRD**
GR-2008-1145512	Research and development of a novel intraoperative probe for the survey of gamma rays emitted from radionuclides	MEDICINA NUCLEARE/NUCLEAR MEDICINE		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**SBIB**	**btss**
GR-2008-1145516	Boosting Neurorehabilitation with Noninvasive Brain Stimulation: Assessment of Utility, Safety and Feasibilty of Neuromodulatory Interventions	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1145517	Correlazione tra Valutazione Multidimensionale Geriatrica, scelta del trattamento terapeutico e outcome clinico in pazienti anziani oncologici	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**BMCT**
GR-2008-1145520	Regeneration Induced by Hypoxia Treatment in the Zebrafish Adult Heart	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1145530	Factorial two-by-two study of chemotherapy in advanced gastric cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1145540	THE CENTRAL ROLES OF NF-kB TRANSCRIPTION FACTORS IN THE HOST-TUMOR VICIOUS CYCLE	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1145541	IDENTIFICATION OF NEW URINARY BIOMARKERS FOR EARLY DIAGNOSIS AND PROGRESSION OF IgAN	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**

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GR-2008-1145550	A novel acellular support in antitumour and antiviral innate immunity: human Natural Killer cells-derived microvesicles		immunology, oncology, virology	Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIA**
GR-2008-1145565	The Rai adaptor protein in Th17 cell differentiation, effector function and chemotaxis and in the pathogenesis of multiple sclerosis		Autoimmunity and disease	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1145569	New anticoagulant thrombin inhibitors: evaluation of cell response and kinetic studies		THROMBOEMOLITIC DISEASES	Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HT**
GR-2008-1145571	Disclosing the role of mutations and polymorphism of human prion protein in the generation and development of prion fibrils		Neurosciences	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**MDCN**	**BPNS**
GR-2008-1145581	Role of folic acid supplementations in women undergoing assisted reproduction	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**
GR-2008-1145582	Brain multi-parametric magnetic resonance study of patients with vegetative and minimally conscious state	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1145599	Emerging zoonoses and climate changes: the role of climate change and diffusion of leishmaniasis in Italy.	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1145600	Role of HIF-1a and HIF2a in hypoxic neuroectodermal derived tumors: a novel terapeutical approach	Ricerca preclinica/Preclinic reasearch		Oncology (b) Molecular and Cellular Level Oncology	**obt**	**CAMP**

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GR-2008-1145612	The Role of Peripheral Blood Mononuclear Cell Infection by Hepatitis C Virus as Determinant of Liver Disease Progression in Children with Chronic Infection by Hepatitis C Virus	PEDIATRIA/PAEDIATRICS		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**dku**	**hbpp**
GR-2008-1145613	ROLE OF HSPs EXPRESSION AND OXIDATIVE STRESS IN IN HUMAN PROSTATE CARCINOMA	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1145629	Use of mobile ultra-clean exponential laminar flow screen for reduction of clinical infection in cardiac electrophysiology device implantation: does it permit to reduce antibiotic treatment?	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**SBIB**	**bmit**
GR-2008-1145631	REALIZATION OF A SIMULATOR TARGETED TO RESEARCH AND THERAPY OF CEREBROVASCULAR DISEASES	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1145650	Reward systems in children and adolescents with asperger syndrome: a neuroimaging study	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**bbbp**	**cpdd**
GR-2008-1145659	Periodontal diseases as emergent systemic pathology: development of a new clinical setting for patient health care	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**HSOD**
GR-2008-1145660	First Trimester Foetal Cardiac Ultrasound in a high risk population	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**ENMR**	**pn**

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1145661	Autoantibodies anti-PDGF receptor in Systemic Sclerosis: a novel pathogenic mechanism with implications for early diagnosis, efficient monitoring and therapy	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1145667	Histomorphological study, genetic profile and familial predisposition in ascending aortic aneurysm	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**CVRS**	**CCHF**
GR-2008-1145670	Early predictors of response to sorafenib in hepatocellular carcinoma studied by contrast-enhanced ultrasonography	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1145755	The introduction of new technologies and the improvement of quality standard may decrease the cost of the hospital management and the social disease of the surgical site infections (SSI): the role of the ultralaminar-airflow (UAF) system	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**HDM**	**BCHI**
GR-2008-1145764	Relevance of grey matter pathology and cortical reorganization in Multiple Sclerosis	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**AUD**
GR-2008-1145783	From behavioural counselling to 'personalized nutrition': a right key to prevent cardiovascular disease?	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**RPHB**	**pdrp**
GR-2008-1145787	Robotic assisted surgery for prostate cancer. Prospective controlled multicentric comparison between laparoscopic surgery and robotic assisted surgery in terms of oncologic and functional outcome related to quality of life.	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**ukgd**

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GR-2008-1145791	Multispecies characterisation of animal pathogens in cattle dedicated environments	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**BGES**
GR-2008-1145793	Nanodevices of new genaration for antineoplastic therapy	Ricerca di base/Basic Research		Basic Sciences & Novel Technologies (g) Novel Therapies (including stem cells, gene delivery, novel drug delivery methods, applications of nanotechnologies)	**BST**	
GR-2008-1145805	Virtual Reality Technology applied to Neglect Rehabilitation	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1145806	Fish and seafood species genetic identification to prevent illegal mislabelling: the case of Pangasius (Pangasius hypophthalmus)	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1145812	CLINICAL GOVERNANCE IN ALZHEIMER DISEASE: CLINICAL, BIOCHEMICAL, MOLECULAR ASPECTS AND IDENTIFICATION OF GUIDELINES FOR IDENTIFICATION OF PATIENTS WITH MILD COGNITIVE IMPAIREMENT	GERIATRIA/GERIATRY		Other Specialized Medical Science - (c) Aging Research (including dementia and geriatrics)	**BDCN**	**npas**
GR-2008-1145813	ROLE OF PROBIOTICS IN ADULTS ATOPIC DERMATITIS	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**MOSS**	**acts**
GR-2008-1145818	High-Resolution Imaging with Adaptive Optics in Patients Affected by Diabetic Retinopathy.	OCULISTICA/OPTHALMOLOGY		Other Specialized Medical Science - (a) Eye and Vision Research	**SBIB**	**bmit**
GR-2008-1145821	Nanotechnology in Cancer Research. Nanovectors for Gene Therapy	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Oncology (b) Molecular and Cellular Level Oncology	**BST**	

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GR-2008-1145834	The role of B cells in GVHD after bone marrow transplant	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**imm**	**ttt**
GR-2008-1145848	Endoscopic ultrasound fine needle aspirate DNA analysis of pancreatic masses: increasing diagnostic accuracy and defining prognostic factors to improve survivals rate of panceatic cancer	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**sbib**	**bmit**
GR-2008-1145856	Therapeutic potential of adipose tissue-derived Mesenchymal Stem Cells in a diabetic model of cardiomyopathy and hindlimb ischemia	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**AICS**
GR-2008-1145889	Development of ICF Core Sets for Hearing Loss	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1145901	Electronic Health Record System for clinical, diagnostical and costs data management and control	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1145903	The person centered approach in the ICU. A need of change in the organizational model	Modelli organizzativi, gestione risorse, sistemi informativi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1145904	Relationship between motor behaviour and neuropsychological profile in autistic spectrum disorders: new basis for developing appropriate home, school, work and entertainment settings	NEUROPSICHIATRIA INFANTILE		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**RPHB**	**SPIP**

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GR-2008-1145905	Targeting miRNAs to fight the clinical consequences of Williams Beuren syndrome	GENETICA/GENETICS		Basic Sciences & Novel Technologies - (c) Genetics (various diseases and methodologies)	**GGG**	**GCAT**
GR-2008-1145915	Development of a robotic prosthesis of the upper limb controlled by the mental activity	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**ETTN**	
GR-2008-1145918	In vitro and in vivo studies on the effects of free radicals formation on the Post-Translational Modulation of Glutamate Transmission: a new therapeutic approach for chronic pain management	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**IFCN**	**COG**
GR-2008-1145924	Effectiveness, efficiency and equity of regional primary care models in the care of people with complex health and social needs	RICERCA ORGANIZZATIVA SERVIZI SANITARI		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**DMRD**
GR-2008-1145948	"Setting up cell replacement protocols for neurodegenerative disorders of the striatum and cerebellum: a proof of concept."	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**CMND**
GR-2008-1145956	Analysis of gene expression in cumulus cells in order to determine markers that, in addition to the existing morphological parameters, can be used to select oocytes for fertilization, in according with Italian Law 40/2004 on Assisted Reproductive Technolo	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**BDA**	**ASG**
GR-2008-1145961	Nuovi approcci nella terapia antitumorale mediante utilizzo di nanotubi di carbonio	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**
GR-2008-1145964	Mesenchymal Stem Cells and Cancer: Toward Safer Cell-Based Therapeutic Applications		CELLULAR THERAPIES	Neuroscience - (b) Molecular and Cellular Neuroscience	**BST**	
GR-2008-1145968	Tanslational research project to study the potential role of statins in the modulation of the alveolar damage mechanisms during acute lung injury	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (d) Lungs (including molecular, cellular, transport, translation research)	**CVRS/Lungs**	**LIRR**

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GR-2008-1145971	Epidemiological study and feasibility for the creation of an Excellence Center in which apply the correct operating protocols for the treatment of cranio-maxillo-facial malformations	Epidemiologia descrittiva, etiologica e registri di malattia		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**
GR-2008-1145977	Regional and a national needs for an Excellence Center for cranio-maxillo-facial malformations.	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**hsod**
GR-2008-1145981	The DNA of a popolation could Change by environment induction. The Change could be specific due to what determined it and is trasmitted with more frequency in comparison to a stable environment.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**PSE**	**SSPS**
GR-2008-1146015	Implementation of Information Communication Technology resources in a model of care based on the integration between hospital and local health and social services	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**bchi**
GR-2008-1146017	Avian Infectious Bronchitis: Development of a novel vaccine using Rabbit Haemorrhagic Disease Virus - like particles as delivery system.		IMMUNOLOGIA/IMMUNOLOGY	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IDM**	**BACP**
GR-2008-1146023	Dosimetric and radiobiological characterization of an innovative laser-driven electron source	Valutazione efficacia dispositivi/Evaluation devices		Bioengineering - (a) Devices, Imaging, and Engineering (including development of novel diagnostic imaging tools and methods)	**SBIB**	**BMIT**

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GR-2008-1146031	Molecular and clinical screening of Muir-Torre Syndrome in subjects affected with sebaceous neoplasm and keratoacanthomas	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**cbss**
GR-2008-1146036	My body to understand others: improving mentalizing and embodied perspective taking in Autism Spectrum Disorders through Theta Burst Transcranial Magnetic Stimulation.	Translational Research		Neuroscience (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1146038	"Macro impact on tumor breast cancer recurrences by modulating the micro: role of microRNAs in tumor microenvironment."	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1146042	Brain-Computer Interfaces to support individual autonomy: transfer to rehabilitation context		Riabilitazione	Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**moss**	**MRS**
GR-2008-1146048	High-throughput transcriptional analysis of CAV-2 and other vector effects on brain cells	Ricerca preclinica/Preclinic reasearch		Neuroscience (b) Molecular and Cellular Neuroscience	**MDCN**	**CMBG**
GR-2008-1146094	PALLIATIVE RADIOTHERAPY: NEW MODEL FOR TREATING SYMPTOMATIC PATIENTS	RADIOTERAPIA/RADIOTHERAPY		Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**otc**	**rtb**
GR-2008-1146139	Gene expression profiling in bone marrow microenvironment of multiple myeloma patients	EMATOLOGIA/HEMATOLOGY		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**HM**

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GR-2008-1146200	Collagen-specific T cell receptor repertoire and bacterial peptide molecular mimicry in rheumatoid arthritis	REUMATOLOGIA/RHEUMATOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1146221	PARP Inhibitors in combination with metronomic chemotherapy in patients with triple negative breast cancers	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**OTC**	**dt**
GR-2008-1146222	Development of pasta, meat and consumption of red wine as healthy products for the safeguard of human health through innovation of cereal production and livestock feeding strategies	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1146223	INFECTIONS BY MULTIPLE HUMAN PAPILLOMAVIRUS TYPES: BIOLOGY AND IMPACT ON THE RISK OF CERVICAL INTRAEPITHELIAL NEOPLASIA	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**obt**	**ce**
GR-2008-1146228	Oxidative stress analysis with photoacoustic Laser spectroscopy of molecular markers in samples of expired breath from patients irradiated with ionizating radiations.		Fisica Sanitaria	Oncology - (c) Radiotherapy and Imaging (including novel diagnostic methods for oncology)	**obt**	**CAMP**
GR-2008-1146233	UNAWARENESS OF DISEASE, FUNCTIONAL RECOVERY, TREATMENT COMPLIANCE AND REHABILITATION OUTCOME: A MULTIDIMENSIONAL APPROACH		Neuropsicologia	Populations Studies - (b) Behavioral Sciences and Psychology	**BBBP**	**APDA**
GR-2008-1146234	Sleep related risk factors for postpartum depression	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**SSPS**

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GR-2008-1146241	Functional neuroimaging of the chemobrain: understanding cognitive impairments following chemotherapy	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**ifcn**	**cog**
GR-2008-1146254	Skeletal muscle tissue engineering using Amniotic Fluid Stem (AFS) cells for the reapir of congenital defect.	CHIRURGIA/SURGERY		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MTE**
GR-2008-1146261	Nanotechnologies in Public Health: use of optic biosensor for the detection of pathological agents	Interventi di prevenzione, screening, igiene e sanità pubblica/Screening		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BHCI**
GR-2008-1146263	Identification and functional analysis of mutations in FMR1 and FMRP-interacting genes CYFIP1 and BC200 in a large cohort of patients with idiopathic mental retardation and/or autism.	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Neuroscience (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**ETTN**	
GR-2008-1146282	Biological therapy in juvenile idiopathic arthritis. Identification of possible molecular targets	Ricerca di base/Basic Research		Digestive, Kidney, Urological & Reproductive Systems (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**ACTS**
GR-2008-1146298	Innovations and future perspectives in the treatment of urolithisias	UROLOGIA/UROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**ukgd**
GR-2008-1146317	Multiple sclerosis patients¿ preferences: consideration of their awareness and perception	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BBBP**	**APDA**
GR-2008-1146323	¿Impulsive dyscontrol and borderline personality disorder: from psychopathological dimensions to clinical issues and genetic correlates.¿	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**

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GR-2008-1146387	Angiogenic and Immunogenic Aspects of Coronary Transplant Arteriosclerosis		Atherosclerosis	Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**vh**	**VCMB**
GR-2008-1146454	NEUTROPHIL GELATINASE¿ASSOCIATED LIPOCALIN (NGAL) IN PATIENTS WITH DIABETIC NEPHROPATHY	NEFROLOGIA/NEFROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**DKU**	**pbkd**
GR-2008-1146478	Polyphenol-Rich Food Consumption and Short and Long-Term Prognosis after Coronary Artery Bypass Graft Surgery	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**RPHB**	**bmio**
GR-2008-1146533	STUDY OF ALTERATIONS IN CARDIAC PROGENITOR CELL MIGRATION AND DIFFERENTIATION IN TETRALOGY OF FALLOT	Ricerca di base/Basic Research		Cardiovascular and Respiratory Sciences (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**CVRS**	**CCHF**
GR-2008-1146562	Systematic assessment of the acute and chronic effects of trauma on quality of life	Ricerca preclinica/Preclinic reasearch		Populations Studies (d) Bioinformatics (medical records, databases, searches, statistical methods)	**HDM**	**BHCI**
GR-2008-1146615	New assays for evaluation of tumorigenic potential of malignant brain tumor cancer stem cells clonal derivatives and identification of molecular targets for pharmacological interventions	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1146618	cellular therapy for vitiligo	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**MOSS**	**acts**

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GR-2008-1146620	Patient flow logistics innovation to improve the safety and quality of clinical processes.	Processi assistenziali, miglioramento, qualità dell'assistenza/Quality		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**dmrd**
GR-2008-1146627	Development in plants of novel strategies of oral immunization in Alzheimer's disease (AD)	Ricerca di base/Basic Research		Neuroscience (c) Disease Driven Neuroscience (ALS, Parkinson's Disease, Alzheimer's Dementia, brain injury)	**MDCN**	**CMND**
GR-2008-1146635	Diagnostica per immagini integrata nello studio dell'amiloidosi cardiaca		Diagnostica per Immagini	Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**Neuroscience - (b) Molecular and Cellular Neuroscience**	
GR-2008-1146637	Perinatal Brain Lesion and early motor behaviour in newborn infants studied with Magnetic Resonance Diffusion Tensor Imaging (DTI)	NEONATOLOGIA/NEONATOLOGY		Other Specialized Medical Science - (b) Pediatric and Neo-natal Medicine; Human Developmental Research	**ETTN**	
GR-2008-1146650	REPROGRAMMING OF ADIPOSE CELLS BY EPIGENETIC METHOD	RICERCA TRASLAZIONALE		Digestive, Kidney, Urological & Reproductive Systems (a) Endocrinology (including diabetes, nutrition, obesity)	**CB**	**csrs**
GR-2008-1146664	Level of antiviral T cell function as a potential predictor of response to pegylated IFN-alfa/ribavirin re-treatment	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**IMM**	**CMIB**
GR-2008-1146677	Hemodymanic brain-computer interfaces in stroke rehabilitation	CEREBROVASCOLARE/CEREBROVASCALUR		Cardiovascular and Respiratory Sciences - (c) Vascular System and Hematology (including atherosclerosis, thrombosis)	**ETTN**	
GR-2008-1146678	Use of infrared imaging to avoid to avoid thermal injury due to electro surgery	OSTETRICIA E GINECOLOGIA/OBSTETRICS AND GYNECOLOGY		Digestive, Kidney, Urological & Reproductive Systems - (d) Reproductive Physiology Including Obstetrics and Gynecology	**SBIB**	**bmit**
GR-2008-1146707	A Psycho-Socio-Sanitary integrated approach promoting the quality of life in families and children affected by Rare Genetic Diseases		Psicologia e Genetica	Populations Studies - (b) Behavioral Sciences and Psychology	**RPHB**	**PDRP**

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GR-2008-1146722	Novel titanium carbide nanostructured coating for implants with high osseointegration efficiency	ORTOPEDIA E TRAUMATOLOGIA/ORTHOPAEDIA		Digestive, Kidney, Urological & Reproductive Systems - (b) Musculoskeletal System (including osteoporosis, bone metabolism, rehabilitation)	**MOSS**	**MRS**
GR-2008-1146741	The importance of neuropsychological tests in dementia diagnosis: the need of a new validation for the Italian National Health Service		Neuropsicologia clinica / Clinical Neuropsychology	Populations Studies - (b) Behavioral Sciences and Psychology	**BBBP**	**APDA**
GR-2008-1146769	Evaluation of the adjuvancy capability of Vgamma9Vdelta2 T cells in the induction of dendritic cell mediated HIV-specific immune response	Ricerca preclinica/Preclinic reasearch		Immunology and Infectious Diseases (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1146787	Lipidomic analysis of skin surface lipids in acne	DERMATOLOGIA/DERMATOLOGY		Other Specialized Medical Science - (e) Dermatology	**MOSS**	**acts**
GR-2008-1146799	Combined treatment models of borderline personality disorder (BPD): comparison between brief and long-term results	PSICHIATRIA/PSYCHIATRY		Neuroscience - (d) Mental Health Research (Schizophrenia, Depression, Substance abuse)	**BDCN**	**npas**
GR-2008-1146894	Clinical usefulness of Lactobacillus reuteri (DSM 17938) somministration in pediatric patients on enteral nutrition	GASTROENTEROLOGIA/GASTROENTEROLOGY		Digestive, Kidney, Urological & Reproductive Systems - (c) Kidneys, and Gastrointestinal Systems (physiology & pathology, molecular & clinical)	**EMNR**	**inmp**
GR-2008-1146914	MicroRNAs as Diagnostic and Therapeutic Targets in Colorectal Cancer	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**otc**	**dt**
GR-2008-1146923	Biological and clinical features of nucleo-cytoplasmic trafficking		Cancer Genetics	Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**CAMP**

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GR-2008-1146956	Blood GRK-2 activity as a candidate biomarker of coronary heart disease	CARDIOLOGIA/CARDIOLOGY		Cardiovascular and Respiratory Sciences - (a) Cardiopulmonary Diseases (including contractibility, heart failure, electrical signaling, ion transport, metabolism)	**vh**	**ELB**
GR-2008-1146961	Evolution of analytical methods and techniques in the detection of doping agents and study of the effects on BBB in vitro model	MEDICINA MOLECOLARE/MOLECOLAR MEDICINE		Populations Studies (a) Social Welfare, Organization of Health System, Delivery of Health Care	**BDCN**	**cnnt**
GR-2008-1146981	ENDOTHELIAL DYSFUNCTION AND CARDIOVASCULAR RISK FACTORS IN HIV-POSITIVE PATIENTS UNDER HAART	MALATTIE INFETTIVE E TROPICALI/TROPICAL DISEASES		Immunology and Infectious Diseases - (a) Basic Science Immunology (including bacterial, viral and fungal infections, development of vaccines, host pathogen interactions, immune system)	**AARR**	**ACE**
GR-2008-1146997	BONE & HEART	Studi osservazionali di casistica		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**CASE**
GR-2008-1146999	Gambling and deception in PD patients: Phenomenology, neural correlates and possible treatments	NEUROLOGIA/NEUROLOGY		Neuroscience - (a) Cognitive and Systems Neuroscience (including development and application of various imaging modalities, and research into neural signal processing)	**BDCN**	**cdin**
GR-2008-1147014	Genetic and epigenetic changes of the HIF pathway in neural- crest derived tumours.	ONCOLOGIA/ONCOLOGY		Oncology - (a) Clinical Oncology (Disease driven research)	**obt**	**camp**
GR-2008-1147016	Assessment of telemedicine services as new organizational models of disease management.	Valutazione efficacia di altri interventi		Populations Studies - (a) Social Welfare, Organization of Health System, Delivery of Health Care	**HDM**	**BCHI**

Codice	Titolo	Codifica iniziale	**Codifica Integrativa Iniziale**	Codifica Intermedia	**Codifica NIH Livello 1**	**Codifica NIH Livello 2**
GR-2008-1147031	Role of the innate immunity in herpes simplex virus (HSV)-1-related neuropathologies.		Neuroimmunonolgia	Immunology and Infectious Diseases - (b) Clinical Immunology (including autoimmune diseases, immunodeficiencies, treatments of infectious diseases, allergies)	**IMM**	**CMIA**
GR-2008-1147051	Ricognizione su scala nazionale del rischio sanitario dei lavoratori esposti al radon nei diversi comparti occupazionali/ National survey to evaluate the risk to workers from radon exposure in different kind of workplaces	EPIDEMIOLOGIA FATTORI DI RISCHIO/EPIDEMIOLOGY RISK FACTORS		Populations Studies - (c) Epidemiology: Prevention of Diseases, Community Based Interventions	**PSE**	**EPIC**
GR-2008-1147062	Role of the Neuronal isoform of the Sodium Calcium Exchanger 1 in the ADHD	Ricerca di base/Basic Research		Neuroscience (b) Molecular and Cellular Neuroscience	**IFCN**	**COG**

PROCEDURA VALUTAZIONE BANDO GIOVANI RICERCATORI 2008

Coordinatori Scientifici:
Dr. Massimo Casciello, Prof. Giovanni Lucignani, Prof. Alberto Zangrillo; Prof. Toni Scarpa (NIH-CSR)

Coordinamento Operativo:
Dr. Bruno Campione – Coerenza con il Bando
Dr. Gaetano Guglielmi – Coordinamento IT fase Peer Review e Assegnazione Referee
Dr.ssa Klosek Malgorzata (NIH-CSR) – Supporto Metodologico NIH-CSR

Supporto IT
Consorzio Biongegneria ed Informatica Clinica CBIM – Amministrazione IT Sistema Workflow della Ricerca

Risorse Economiche a disposizione: euro 28.827.409
N° Progetti presentati: 997
N° Referee NIH-CSR utilizzati: 424 (elenco alfabetico in allegato**)**

Processo:
Fase1
Maggio 2009
Il NIH-CSR ha comunicato la classificazione utilizzata per il sistema di Peer Review

Fase2
Giugno 2009
Riclassificazione delle proposte di progetto secondo lo standard di codifica NIH-CSR

Fase3
Luglio 2009
NIH-CSR ha trasmesso l'elenco di 4881 referee classificati secondo il primo e secondo livello NIH-CSR

Fase4
Luglio 2009
Attribuzione automatica della proposta di progetto ai referee in funzione della classificazione NIH-CSR

Fase5
Agosto 2009 – Gennaio 2010
Fase di valutazione dei Referee e procedure di sostituzione per rifiuto di accettazione o inerzia del Referee

Fase6
Gennaio- Febbraio 2010

Predisposizione documentazione dei risultati del processo di Peer Review per il Comitato di Valutazione

Fase7
22-23 Febbraio 2010
Comitato di valutazione

La valutazione di ogni singolo progetto è stata strutturata su 5 aree per ognuna delle quali il Referee poteva esprimere oltre al giudizio analitico un giudizio sintetico espresso su base numerica da 1 a 9 con incrementi di o,5. La valutazione migliore era espressa con il numero più basso (1) la peggiore con quello più alto (9).

A. Scientific quality and relevance of the research
B. Innovative content and originality of the project (in view of the current international literature)
C. Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references
D. Translational Potential and Clinical Relevance (strengths and weaknesses)
E. Profile of the investigator (general details) and his/her scientific work (based on his/her CV, published scientific papers listed in the application – the 5 best, the 5 most relevant to the topic in hand, the 5 most recent – considering the IF of the journals in which they were published, the number of citations from year of publication to time of application for funding, and the H-index (which represents the balance between the number of publications and the number of citations per publication)

Oltre tali aree il Referee ha espresso un giudizio complessivo sul progetto.

La somma dei punteggi attribuiti alle varie aree dal Referee ha determinato il punteggio finale attribuito dal Referee al progetto.

La media dei singoli punteggi complessivi è stata segnalata al Comitato di valutazione previsto dalla Legge per i Giovani Ricercatori ed è stata accompagnata dalla deviazione standard tra i punteggi attribuiti dai Referee.

Le valutazioni espresse dai Referee NIH-CSR sono state 2.924.

Per 67 progetti al momento della chiusura delle valutazioni risultavano presenti solo 2 valutazioni su tre. Tali progetti sono stati segnalati al Comitato di valutazione indicando il punteggio medio e la DS dei punteggi attribuiti.(vedere verbale del Comitato di Valutazione.)

Un esempio di scheda di valutazione è riportato di seguito.

Classificazione NIH-CSR per Applicazioni Giovani Ricercatori 2008

AARR *AARR - AIDS and Related Research*

Descrizione 1° livello NIH-CSR:

The AIDS and AIDS-Related Research [AARR] Group reviews all - basic, translational, clinical, and behavioral – aspects of HIV/AIDS research. This includes studies of: the molecular and cell biology, immunology, pathogenesis, and epidemiology of HIV and related viruses, as well as AIDS-associated opportunistic infections; the development of drugs, vaccines, and other therapies; complications of therapy, as well as behavioral and social science approaches to preventing and evaluating the consequences of HIV/AIDS

AARR - *ACE* AIDS Clinical Studies and Epidemiology - ACE

Descrizione 2° livello NIH-CSR:

The AIDS Clinical Studies and Epidemiology [ACE] Section reviews applications dealing with clinical and epidemiological aspects of HIV/AIDS

AARR - *ADDT* AIDS Discovery and Development of Therapeutics - ADDT

Descrizione 2° livello NIH-CSR:

The AIDS Discovery and Development of Therapeutics [ADDT] Section reviews applications on the design, discovery, and development of therapeutics for HIV and AIDS-related diseases. Proposed agents that inhibit the viral lifecycle may include conventional pharmacotherapies, natural products, gene-based strategies, and microbicides

AARR - *AIP* AIDS Immunology and Pathogenesis - AIP

Descrizione 2° livello NIH-CSR:

The AIDS Immunology and Pathogenesis [AIP] Section reviews applications on the host immune responses to and pathogenesis of the human immunodeficiency virus (HIV) and related retroviruses that cause immunodeficiencies including, but not limited to, simian immunodeficiency virus and feline immunodeficiency virus. This Section also reviews studies on sexual transmission and mother-to-child transmission of HIV

AARR - *AMCB* AIDS Molecular and Cellular Biology - AMCB

Descrizione 2° livello NIH-CSR:

The AIDS Molecular and Cellular Biology [AMCB] Section reviews applications concerned with the molecular biology, cellular biology, structural biology, virology and genetics of HIV and related lentiviruses involving biochemical, pathophysiological and structural approaches. Emphasis is on molecular structure-function approaches to elucidating virus and host mechanisms of interaction and regulation

AARR - *AOIC* AIDS-Associated Opportunistic Infections and Cancer - AOIC

Descrizione 2° livello NIH-CSR:

The AIDS-associated Opportunistic Infections and Cancer [AOIC] Section reviews applications on opportunistic infections and cancers associated with HIV and AIDS. The science encompasses pathogenesis, immune responses, animal models, and molecular characterization of AIDS-associated opportunistic infections and cancers. Proposals should address opportunistic infections in the context of HIV infection/AIDS

AARR - *BSCH* **Behavioral and Social Consequences of HIV/AIDS - BSCH**

Descrizione 2° livello NIH-CSR:

Behavioral and Social Consequences of HIV/AIDS [BSCH] Section reviews studies of behavioral and psychosocial aspects of HIV infection, the effectiveness of interventions, the consequences of infection, and the effects of HIV infection and AIDS on the individual, family, and community. In addition, it reviews health services and other social science research of psychosocial factors of HIV disease.

AARR - *BSPH* **Behavioral and Social Science Approaches to Preventing HIV/AIDS - BSPH**

Descrizione 2° livello NIH-CSR:

The Behavioral and Social Science Approaches to Preventing HIV/AIDS [BSPH] Section reviews studies of risk factors and antecedents of HIV infection as well as basic behavioral, epidemiologic, and social science studies of mechanisms and factors at the individual and community levels

AARR - *NAED* **NeuroAIDS and other End-organ Diseases - NAED**

Descrizione 2° livello NIH-CSR:

The NAED Section reviews applications on the effects of HIV/AIDS on the nervous system and other organs systems, as well as the biological effects of drug abuse in the context of HIV/AIDS. Emphasis is on the basic biological and mechanistic studies, rather than clinical aspects.

AARR - *SBAR* **AARR Small Business**

Descrizione 2° livello NIH-CSR:

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) in AIDS and AIDS-Related Research [SBAR] section review small business applications including Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] grant applications concerned with biological sciences, vaccine research, and social/behavioral sciences in the area of HIV/AIDS. The small business applications dealing with HIV vaccine research are reviewed in the HIV/AIDS Vaccines Section (VACC)

AARR - *VACC* **HIV/AIDS Vaccines - VACC**

Descrizione 2° livello NIH-CSR:

The HIV/AIDS Vaccines [VACC] Section reviews applications concerned with all aspects of development of vaccines against HIV and related retroviruses.

BBBP *BBBP - Biobehavioral and Behavioral Processes*

Descrizione 1° livello NIH-CSR:

The Biobehavioral and Behavioral Processes [BBBP] Group considers applications on biobehavioral and behavioral processes across the lifespan. Research on non-human animals as well as humans is included, and both normal and disordered processes are addressed. While the focus is on behavior, studies may also consider related central, autonomic, neuroendocrine, immune, neural, hormonal, motor, and genetic issues. Neuroimaging and molecular and/or behavioral genetic approaches may be employed.

BBBP - *APDA*

Adult Psychopathology and Disorders of Aging - APDA

Descrizione 2° livello NIH-CSR:

The Adult Psychopathology and Disorders of Aging Section focuses on psychopathology and behavioral, cognitive and emotional disorders in adults. Behavioral, cognitive, socioemotional, neurobiological, behavioral and molecular genetic, and neuroimaging approaches are examined. Emphasis is on human studies of etiology, diagnosis, phenotypic description, comorbidity, and intervention in adult disorders, such as schizophrenia, mood disorders, regulation disorders, personality disorders, Alzheimer's disease, traumatic brain injury, and sleep disorders

BBBP - *BRLE*

Biobehavioral Regulation, Learning and Ethology - BRLE

Descrizione 2° livello NIH-CSR:

The Biobehavioral Regulation, Learning and Ethology Section [BRLE] reviews applications concerned with basic biobehavioral processes and adaptation across the lifespan [infancy through old age]. The Section primarily considers research with non-human animals [vertebrates and invertebrates] but relevant work with humans is also included. Normal and disordered processes are addressed. Although the focus is on behavior, studies may also consider related neural, hormonal, and genetic factors. Methods include [but are not limited to] behavioral experiments, naturalistic observation; hormonal, genetic, molecular, surgical and pharmacologic interventions; and computational modeling.

BBBP - *CP*

Cognition and Perception - CP

Descrizione 2° livello NIH-CSR:

The Cognition and Perception Section reviews applications investigating normal and disordered cognition and perception and their development across the lifespan [infancy through old age], involving behavioral, neuroimaging, psychophysiological, neuropsychological, and mathematical/computational modeling approaches.

BBBP - *CPDD*

Child Psychopathology and Developmental Disabilities - CPDD

Descrizione 2° livello NIH-CSR:

The Child Psychopathology and Developmental Disabilities Section focuses on developmental disabilities and mental health disorders with origins in early development in infants, children, adolescents and young adults. Behavioral, cognitive, socioemotional, neurobiological, behavioral and molecular genetic, and neuroimaging approaches are examined. Emphasis is on human studies of etiology, diagnosis, phenotypic description, and intervention in developmental disabilities and mental health disorders.

BBBP - *F12A*

Cognition, Language and Perception Fellowship - F12A

Descrizione 2° livello NIH-CSR:

The F12A Section reviews fellowship applications investigating language and other types of communication and their development across the lifespan [infancy through old age], primarily in humans but research involving non-human primates may be included as well. All forms of language and communication, both normal and disordered, are considered. Also considered by the F12A fellowship Section are applications investigating cognition and perception and their development across the lifespan. including normal and disordered forms of cognition and perception.

BBBP - *F12B*

Psychopathology, Developmental Disabilities, Stress and Aging Fellowship - F12B

Descrizione 2° livello NIH-CSR:

The F12B Section reviews fellowship applications concerned with emotional, behavioral, and developmental disorders across the lifespan. Also included are co-morbid substance use disorders, as well as their effects on children when they occur prenatally. Also reviewed are fellowship applications concerning psychopathology, developmental disabilities and disorders of aging such as: schizophrenia, mood disorders, suicide, anxiety and traumatic stress disorders, eating disorders, substance use disorders personality disorders, Alzheimer's disease, dementia, traumatic brain injury and sleep disorders. Also included are fellowship applications on basic biobehavioral, psychological, social and cultural processes governing affect (emotion, mood) and stress in humans.

BBBP - *LCOM*

Language and Communication - LCOM

Descrizione 2° livello NIH-CSR:

The Language and Communication Section reviews applications investigating language and other types of communication and their development across the lifespan [infancy through old age], primarily in humans. All forms of language and communication, both normal and disordered, are considered. Research methods include [but are not limited to] psychological experiments, naturalistic observation, linguistic and logical analyses, computational modeling, neuroimaging, and genetic studies.

BBBP - *MESH*

Biobehavioral Mechanisms of Emotion, Stress and Health - MESH

Descrizione 2° livello NIH-CSR:

The Biobehavioral Mechanisms of Emotion, Stress and Health Section reviews applications on the bidirectional interactions of stress, emotion, and physical and mental illness and health, with an emphasis on underlying biological mechanisms.

BBBP - *MFSR*

Motor Function, Speech and Rehabilitation - MFSR

Descrizione 2° livello NIH-CSR:

The Motor Function, Speech and Rehabilitation Section reviews applications on normal and disordered motor function, including speech and voice production. Function across the lifespan [infancy through old age], in humans and other animals, is addressed. Also included are the development and evaluation of behavioral preventive and therapeutic interventions for movement, speech, voice, and related disorders. Although the focus is on behavior, studies may also consider associated anatomical, physiological, neural, hormonal, and genetic factors. Methods include [but are not limited to] behavioral experiments, physiological measurement, acoustic analysis, structural and functional imaging, and computational modeling.

BBBP - *SBBB*

Biobehavioral and Behavioral Processes Small Business Activities -SBBB

Descrizione 2° livello NIH-CSR:

Small Business Activities applications reviewed by the BBBP Group [SBBB] cover a broad spectrum of research on all aspects of biobehavioral and behavioral processes in normal and disordered populations.

BCMB *BCMB - Biological Chemistry and Macromolecular Bio*

Descrizione 1° livello NIH-CSR:

The Biological Chemistry and Macromolecular Biophysics [BCMB] Group will review research applications on biochemical, biophysical, and chemical approaches to biomedical problems. The Group has special expertise in macromolecular mechanisms, biochemistry, chemistry, structural biology, enzymology, biophysical methods, and the theory underlying the function of biological molecules and their interactions. This Group encompasses the basic physical sciences that underlie biology at the molecular level. The Group also bridges the development of technologies with a molecular focus and their application to biological problems.

BCMB - *BBM* Biochemistry and Biophysics of Membranes - BBM

Descrizione 2° livello NIH-CSR:

The Biochemistry and Biophysics of Membranes [BBM] Section reviews research applications concerned with all biochemical and biophysical aspects of membrane structure and function, and with their constituent protein and lipid components. Emphasis is on the molecular details of processes that occur on or within membranes. Areas include use of biochemical and biophysical techniques to understand the structure and function of membranes and membrane-proteins.

BCMB - *EBT* Enabling Bioanalytical and Biophysical Technologies - EBT

Descrizione 2° livello NIH-CSR:

The Enabling Bioanalytical and Biophysical Technologies [EBT] Section reviews both hypothesis and non-hypothesis driven applications focused on the development of new bioanalytical and biophysical tools, emerging techniques, and instrumentation. Emphasis is on research that probes the molecular aspects of biological systems using novel technologies or existing techniques that have been enhanced by improving the resolution, sensitivity, throughput, and fundamental underpinnings of these techniques.

BCMB - *MSFA* Macromolecular Structure and Function A - MSFA

Descrizione 2° livello NIH-CSR:

The Macromolecular Structure and Function A [MSFA] Section reviews applications that focus on the biochemistry and biophysics of metal center containing proteins and complexes as well as the regulation of metal ion concentration in cells. A broad range of physical, chemical, genetic, kinetic, mechanistic, thermodynamic and theoretical approaches are included for studying the properties, reactivity, and interaction of a metal center with the host molecule as well as its assembly into the complex and the regulation of concentration of a metal in vivo.

BCMB - *MSFB* Macromolecular Structure and Function B - MSFB

Descrizione 2° livello NIH-CSR:

The Macromolecular Structure and Function B [MSFB] Section reviews applications that address basic structure-function relationships in a variety of systems, using biophysical and biochemical approaches, both experimental (e.g., X-ray crystallography, NMR, fluorescence spectroscopy) and computational modeling (e.g., molecular dynamics simulations). The emphasis is on elucidating structural and dynamical characteristics of individual proteins and nucleic acids, and their complexes, and how those properties affect function of the molecules.

BCMB - *MSFC*

Macromolecular Structure and Function C - MSFC

Descrizione 2° livello NIH-CSR:

The Macromolecular Structure and Function C [MSFC] Section reviews applications concerned with the structural biology of proteins and nucleic acids in macromolecular assemblies, involving a broad range of biochemical and biophysical approaches to elucidate molecular interactions. Emphasis is on the application of atomic- and molecular-level information to understand biological function.

BCMB - *MSFD*

Macromolecular Structure and Function D - MSFD

Descrizione 2° livello NIH-CSR:

The Molecular Structure and Function Section D [MSFD] reviews applications that propose the development of new techniques in computational molecular modeling and simulation; theoretical mathematical and physico-chemical analysis; and bioinformatics assessment of the structure, dynamics and function of biological macromolecules as isolated entities, in multi-component complexes or in association with ligand molecules. Applications that draw heavily upon vigorous application of established computational techniques are also reviewed in MSFD. Many applications involve the close interplay of theory/modeling with predictive analysis of experimental data derived from methods such as x-ray crystallography, cryo-electron microscopy, and nuclear magnetic resonance or other spectroscopies with the preponderant effort placed on the computational/theoretical analysis. Emphasis is on the study of non-membrane associated soluble proteins, nucleic acids, and carbohydrate systems.

BCMB - *MSFE*

Macromolecular Structure and Function E - MSFE

Descrizione 2° livello NIH-CSR:

The Macromolecular Structure and Function E Section (MSFE) review applications that focus on the structure and structure-function relationships of enzymes and their complexes. Experimental approaches include the development and application of physical and chemical methods to study interactions between enzymes and their effectors and substrates. Applications evaluated in this Section cover a broad range of theoretical, computational and experimental methods that include but not limited to quantum mechanics, molecular mechanics, kinetic, mechanistic, and thermodynamic characterization of enzymes and their functions. The most commonly used experimental methods are NMR, X-Ray, laser spectroscopy and electron microscopy. The emphasis is on elucidating structure-function relationships of enzymes in their native biological systems.

BCMB - *SBCA*

Synthetic and Biological Chemistry A - SBCA

Descrizione 2° livello NIH-CSR:

The Synthetic and Biological Chemistry A [SBCA] Section reviews applications in the areas of chemical synthesis and chemical biology research that may contribute to advances in biology and medicine, either at a fundamental or applied level. Areas reviewed by SBCA include synthetic methodology development, nucleic acid chemistry, carbohydrate chemistry, supramolecular chemistry and the chemistry of metals, as well as the design and discovery of small molecules with potential biological or pharmaceutical activity.

BCMB - *SBCB*

Synthetic and Biological Chemistry B - SBCB

Descrizione 2° livello NIH-CSR:

The Synthetic and Biological Chemistry B [SBCB] Section reviews applications in the areas of chemical synthesis and chemical biology research that may contribute to advances in biology and medicine, either at a fundamental or applied level. Areas reviewed by SBCB include synthetic methodology development, natural product synthesis and biosynthesis, peptide and protein chemistry, as well as the design and discovery of small molecules with potential biological or pharmaceutical activity.

BDA *BDA - Biology of Development and Aging*

Descrizione 1° livello NIH-CSR:

The Biology of Development and Aging Integrated Review Group (Group) will consider research applications that are focused on Development and/or Aging and that employ approaches at a variety of levels from molecules to whole organisms. Development and Aging are inherently integrative research areas focusing on biological changes over time. Proposals in this Group will frequently transcend the boundaries of single organs or systems.
Areas of review related to development include:
Morphogenesis and pattern formation; gastrulation; cell fate, lineage and differentiation; organogenesis; gametogenesis; pre- and post-implantation development; regeneration; evolutionary aspects of development; and the molecular basis of primordial birth defects.
Areas of review related to both development and aging include:
Chromosome dynamics; cell cycle control; cell death; responses to stress; cellular signaling; the biology and applications of stem cells; and tissue repair.
Areas of review related to aging include:
Determinants of longevity; age-related changes in physiological functions; geriatric syndromes and diseases; animal models of aging; predictive markers of biological health and aging; and mechanisms of exceptional aging.

BDA - *ASG* Aging Systems and Geriatrics - ASG

Descrizione 2° livello NIH-CSR:

The Aging Systems and Geriatrics [ASG] Section reviews applications on studies of age-related conditions and diseases that transcend single organ systems or disciplines, and which may require integrated experimental or observational approaches.

BDA - *CMAD* Cellular Mechanisms in Aging and Development - CMAD

Descrizione 2° livello NIH-CSR:

The Cellular Mechanisms in Aging and Development [CMAD] Section reviews applications that address fundamental studies relating to the biological, molecular, genomic, biochemical, metabolic and physiological mechanisms that determine lifespan and longevity.

BDA - *DEV1* Development-1 - DEV1

Descrizione 2° livello NIH-CSR:

The Development-1 [DEV1] Section addresses developmental questions approached at the levels of genetics, cells, tissues, organs and the whole organism in diverse kingdoms. Emphasis is on gametogenesis, organogenesis, metamorphosis, and regeneration

BDA - *DEV2* **Development-2 - DEV2**

Descrizione 2° livello NIH-CSR:

The Development-2 [DEV2] Section reviews applications covering a wide range of topics in developmental biology using diverse animal models. Cell biological, biochemical, genetic, imaging and molecular approaches to developmental problems at the level of cells, tissues, organs and the whole organism are appropriate. Emphasis is on pattern formation, stem cell biology, evolution, birth defects, and early embryonic development.

BDA - *SBSE* **BDA Small Business Activities - SBIR/STTR Special Emphasis Panels - BDA Small Business SEPs**

Descrizione 2° livello NIH-CSR:

The Biology of Development and Aging IRG (BDA) Small Business Activities Special Emphasis Panel will review Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) applications in the areas of developmental biology and aging, using diverse animal and plant models or human studies, and employing approaches at a variety of levels from molecules to whole organisms. Proposals that concern geriatric studies may transcend the boundaries of single organs or systems (e.g., in co-morbidities), and may require integrated experimental, genetic or observational approaches.

BDCN *BDCN - Brain Disorders and Clinical Neuroscience*

Descrizione 1° livello NIH-CSR:

The Brain Disorders and Clinical Neuroscience [BDCN] Group reviews grant applications that have neural disorders and/or injury of the nervous system as their main focus. Investigations appropriate for review in the BDCN Group may include those using animal models of neural injury or disease, investigations based on the study of specific patient populations, or investigations focused on the development of rehabilitative and therapeutic strategies. Specific areas of interest include the investigation of traumatic brain or spinal cord injury, the consequences of episodes of ischemia or hypoxia, the study of mental disorders, neurodegenerative diseases, and other neuropathies. These specific areas of interest may be studied from the perspective of neuroanatomical or neurophysiological alterations, changes in neurotransmitter or neurotrophin function or metabolism, the genetic, cellular, or molecular basis of alterations induced by disease or injury, the influence or involvement of the immune or vascular systems in a neural disease process or response, and the neurological basis of addictive, cognitive, behavioral, and emotional disorders.

BDCN - *AED* **Anterior Eye Disease - AED**

Descrizione 2° livello NIH-CSR:

The Anterior Eye Disease [AED] Section reviews basic, applied, and clinical research proposals to investigate the cornea, lens, conjunctiva, iris, ciliary body, trabecular meshwork, lacrimal glands, and retinal ganglion cells in the context of glaucoma. Proposals reviewed by AED address anatomical, biochemical, biophysical, cell biological, physiological, molecular and genetic aspects of the anterior eye related to normal and pathological processes. Studies using cell and tissue culture models, animal models, and clinical studies are reviewed.

BDCN - *ANIE* **Acute Neural Injury and Epilepsy - ANIE**

Descrizione 2° livello NIH-CSR:

The Acute Neural Injury & Epilepsy (ANIE) Section addresses anatomical, cellular and functional basis of neural disease and injury. Emphasis is on the neural substrate, functional consequences, and the development of therapeutic and rehabilitation strategies. This Section considers patient-oriented research and animal models.

BDCN - *BINP* **Brain Injury and Neurovascular Pathologies - BINP**

Descrizione 2° livello NIH-CSR:

The Brain Injury and Neurovascular Pathologies [BINP] Section reviews applications aimed to understanding mechanisms of neural injury, related vascular abnormalities, and alterations in the blood brain barrier in stroke, brain ischemia, traumatic brain injury, blast injury, and intracerebral hemorrhage among other conditions.

BDCN - *CDIN* **Cell Death in Neurodegeneration - CDIN**

Descrizione 2° livello NIH-CSR:

The Cell Death in Neurodegeneration [CDIN] Section addresses the underlying bases of chronic neural disorders. This Section focuses on specific diseases and disease processes and primarily reviews studies of animal models.

BDCN - *CNBT* **Clinical Neuroimmunology and Brain Tumors - CNBT**

Descrizione 2° livello NIH-CSR:

The Clinical Neuroimmunology and Brain Tumors [CNBT] Section reviews applications involving central and nervous system disorders where the focus is on immune response, inflammation and infections. The experimental systems include in vitro, animal models of human neuromuscular and neurodegenerative disorders as well as patient-oriented research.

BDCN - *CNN* **Clinical Neuroscience and Neurodegeneration - CNN**

Descrizione 2° livello NIH-CSR:

The Clinical Neuroscience and Neurodegeneration [CNN] Section addresses chronic and neurodegenerative diseases. Emphasis is on the neural substrate, functional consequences and the development of therapeutic strategies for chronic/neurodegenerative disorders. This Section primarily considers patient-oriented research but also clinically oriented research using animal models.

BDCN - *CNNT* **Clinical Neuroplasticity and Neurotransmitters - CNNT**

Descrizione 2° livello NIH-CSR:

The Clinical Neuroplasticity and Neurotransmitters (CNNT) Section reviews applications from the perspective of neurotransmitters and neurotrophic factors. The areas covered are neurodegeneration (Parkinson's disease, ALS, neuropathies) spinal cord injuries and epilepsy. The Section evaluates predominantly small animal models

BDCN - *DBD* **Developmental Brain Disorders - DBD**

Descrizione 2° livello NIH-CSR:

The Developmental Brain Disorders [DBD] Section reviews applications concerned with the genetic, metabolic, infectious, environmental and behavioral factors in fetal, neonatal or pediatric brain that lead to abnormal brain development and function. Emphasis is on the vulnerability and plasticity of the developing brain in either clinical (patient-oriented research in infants/children) or basic studies (relevant animal models).

BDCN - *NPAS* **Neural Basis of Psychopathology, Addictions and Sleep Disorders - NPAS**

Descrizione 2° livello NIH-CSR:

The Neural Basis of Psychopathology, Addictions and Sleep Disorders [NPAS] Section addresses the neurobiological bases of addictive, behavioral, cognitive and emotional disorders. NPAS covers a very broad range of topics including structural, functional, electrophysiological, biochemical, pharmacological, neuroanatomical, neuroendocrine, neurotoxicological, physiological, genetic, and neuropsychological aspects of these disorders. NPAS focuses on patient-oriented research and post mortem studies.

BDCN - *PMDA* **Pathophysiological Basis of Mental Disorders and Addictions - PMDA**

Descrizione 2° livello NIH-CSR:

The PMDA Section addresses the pathophysiology of a broad range of psychiatric, addictive and neurological disorders and the biological systems that mediate cognitive, behavioral, emotional, social and learning abnormalities. The emphasis is on an integrative biological systems understanding of the abnormalities using a wide range of molecular, genetic, biochemical, pharmacological, cellular, behavioral, electrophysiological and neuroanatomical methods.

BST *BST - Bioengineering Sciences and Technologies*

Descrizione 1° livello NIH-CSR:

The Bioengineering Sciences and Technologies [BST] Group reviews grant applications that focus on fundamental aspects of bioengineering and technology development in the following areas: gene and drug delivery systems, imaging principles for molecules and cells, modeling of biological systems, bioinformatics and computer science, statistics and data management, instrumentation, chips and microarrays, biosensors, and biomaterials. Biological context is important in bioengineering, and a central premise in organization of this Group is the need for effective review of bioengineering and technology development in early stages before specific practical uses are proven.

BST - *BDMA* **Biodata Management and Analysis - BDMA**

Descrizione 2° livello NIH-CSR:

The Biodata Management and Analysis (BDMA) Section reviews grant applications concerned with developing technologies for the management and analysis of biological data. This includes the review of bioinformatics and computational biology applications addressing large-scale data collection and integration efforts. Research grant applications driven by bioengineering principle, design, or validation, but not necessarily driven by hypothesis, are expected.

BST - *BMBI* **Biomaterials and Biointerfaces - BMBI**

Descrizione 2° livello NIH-CSR:

The Biomaterials and Biointerfaces Section (BMBI) reviews applications in materials science and the closely allied field of materials surfaces and their interactions with basic biological systems. Applications driven by bioengineering principles and not necessarily driven by hypothesis are typical. The material aspects of biomaterials and surface science concern the design principles and theory and the synthesis, characterization, and optimization of new or existing materials. The biological aspects of biomaterials science concern interactions of materials with proteins, membranes, cells, and tissues.

BST - *GDD* **Gene and Drug Delivery Systems - GDD**

Descrizione 2° livello NIH-CSR:

The Gene and Drug Delivery Systems (GDD) Section considers grant applications focused on the development and delivery of drugs, genes, and gene products that alter gene function or expression in the living organism. Research grant applications driven by bioengineering principle, design, or validation, but not necessarily driven by hypothesis, are expected.

BST - *ISD* **Instrumentation and Systems Development - ISD**

Descrizione 2° livello NIH-CSR:

The Instrumentation and Systems Development Section (ISD) considers research applications seeking to design and develop instrumentation and systems for biological research. Applications driven by mathematical and bioengineering principles and by biological utility but not necessarily driven by hypothesis are typical.

BST - *MABS* **Modeling and Analysis of Biological Systems - MABS**

Descrizione 2° livello NIH-CSR:

The Modeling and Analysis of Biological Systems Section (MABS) reviews applications concerned with the development of modeling/enabling technologies for understanding the complexity of biological systems. The scope of these systems ranges from molecular, to supramolecular, to organelles, to cellular, to tissue and to organ level studies. Applications driven by mathematical and bioengineering principles and by perceived biological utility but not necessarily driven by hypothesis are typical. Tools being developed are characteristically applied to further understanding of interactions and integrations through levels and scales and the emergence of patterns that help to explain system behavior.

BST - *MIS** **Microscopic Imaging and Spectroscopy - MIS***

Descrizione 2° livello NIH-CSR:

The Microscopic Imaging and Spectroscopy Section (MIS) reviews applications that aim to develop, improve and implement instrumentation, methods, and quantitative techniques for the static and dynamic visualization of molecules, macromolecular machines and complex organelles, cells, and model systems in physiologically active states. Applications driven by mathematical and bioengineering principles and by perceived biological utility but not necessarily driven by hypothesis are typical. Imaging principles, instrumentation, or probes may be developed.

BST - *NANO* **Nanotechnology - NANO**

Descrizione 2° livello NIH-CSR:

The Nanotechnology Section (NANO) reviews applications focused on fundamental aspects of bioengineering and technology development based on the unique properties of materials at the nanometer scale. Nanotechnology draws from the disciplines of physics, chemistry, materials science, and bioengineering. Applications driven by mathematical and bioengineering principles and by perceived biological utility but not necessarily driven by hypothesis are typical. A premise is that basic research and early technology development, prior to specific practical use will be reviewed.

CB *CB - Cell Biology*

Descrizione 1° livello NIH-CSR:

The Cell Biology [CB] Group will review research applications that focus broadly on the study of fundamental cell biological processes, including the functions, interactions and regulation of cells and cellular organelles. This Group will review applications that involve a variety of disciplines including biochemistry, biophysics, chemistry, and genetics, and use a variety of techniques including microscopy, genomics, proteomics and computational techniques, with the primary goal of better understanding cell functions. In addition, the Biology and Diseases of the Posterior Eye [BDPE] study section is in this group.
Topics to be covered include cell growth, proliferation, and cell cycle control; nuclear architecture and transport; RNA trafficking and localization; post-translational modifications, protein processing, glycosylation and folding; membrane structure and function; lipid traffic and metabolism; cell asymmetry and polarity; ion transport and regulation, channels, transporters and junctions; organelle biogenesis, function, dynamics and protein translocation; the secretory pathway, endocytosis, exocytosis and phagocytosis; degradative processes; cell adhesion, junctions and cell: cell fusion; extracellular matrix and ECM receptors; signaling mechanisms and networks; integrative cell physiology including circadian clocks, stress and oxidative damage response; motors, filaments and cargoes; cell locomotion; mitosis and meiosis; programmed cell death and apoptosis; multi-cellular interactions and development including higher order complexity in tissues; cell differentiation and oncogenic transformation; and the development of new methodologies including advances in imaging and biosensors.

CB - *BDPE* Biology and Diseases of the Posterior Eye - BDPE

Descrizione 2° livello NIH-CSR:

The Biology and Diseases of the Posterior Eye (BDPE) Section reviews applications focused on the development, structure, function, and diseases of the retina and posterior portion of the eye.

CB - *CSRS* Cellular Signaling and Regulatory Systems - CSRS

Descrizione 2° livello NIH-CSR:

The Cellular Signaling and Regulatory Systems (CSRS) Section reviews applications that focus on the initiation and execution of programs that control cellular homeostasis and physiology. A distinguishing characteristic of these applications is an emphasis on signaling networks and the coordination of processes related to cell proliferation, survival, and growth.

CB - *ICI*

Intercellular Interactions - ICI

Descrizione 2° livello NIH-CSR:

The Intercellular Interactions [ICI] Section reviews applications concerned with processes associated with cell growth, proliferation, differentiation and higher order complexity in tissues and in development. Overall, emphasis is placed on how cells interact with both their environment and with neighboring cells in human and animal model systems.

CB - *MBPP*

Membrane Biology and Protein Processing - MBPP

Descrizione 2° livello NIH-CSR:

The Membrane Biology and Protein Processing [MBPP] Section reviews applications primarily concerned with protein synthesis, processing, maturation, targeting and degradation as well as membrane structure, function and trafficking. These topics are investigated using cell biological, molecular, biochemical, morphologic, electrophysiological and structural approaches and employing various model systems including yeast, flies, worms, plants, cultured cells and mice.

CB - *MIST*

Molecular and Integrative Signal Transduction - MIST

Descrizione 2° livello NIH-CSR:

MIST reviews focus on basic molecular mechanisms of cellular signaling. The applications are on the biochemical and structural mechanisms of signal transduction, including G-proteins, seven-transmembrane protein (7TM) coupled receptors, and their regulation. MIST also reviews the associated kinases, phosphatases and lipid signaling mechanisms and cross-talk with other pathways. Integrative studies may involve a variety of organisms that advance the field whether uni- or multi-cellular, bacterial or mammalian.

CB - *NCSD*

Nuclear and Cytoplasmic Structure/Function and Dynamics - NCSD

Descrizione 2° livello NIH-CSR:

The Nuclear and Cytoplasmic Structure/Function and Dynamics Section is a new Section which will cover scientific areas previously assigned to the Cell Structure Function (CSF) and Nuclear Dynamics and Transport (NDT) Sections. The NCSD Section will review applications that focus broadly on elucidating basic molecular mechanisms of cells and tissues. These applications emphasize nuclear architecture, cytoskeletal dynamics, membrane traffic, organelle biogenesis, cell and organelle motility, exocytosis, endocytosis, and intercellular targeting of proteins. These topics are investigated using cell biological, biophysical, molecular, biochemical, morphologic and structural approaches and employing various model systems including bacteria, yeast, flies, worms, plants, cultured cells and mice.

CB - *SEPR*

Retinopathy Special Emphasis Panel (SEPR)

Descrizione 2° livello NIH-CSR:

The Retinopathy Special Emphasis Panel (SEPR) reviews (non other area)applications focused on the development, structure, function, and diseases of the retina and posterior portion of the eye, and member conflicts from the Biology and Disease of the Posterior Eye (BDPE) Section.

CVRS *CVRS - Cardiovascular and Respiratory Sciences*

Descrizione 1° livello NIH-CSR:

The Cardiovascular and Respiratory Sciences [CVRS] Group will consider research applications that employ basic investigations, translational approaches and patient-oriented studies to focus on the development, physiology, and pathophysiology of the cardiac and pulmonary systems. Cardiac study sections are organized around themes of cardiac development, muscle contraction including cardiac hypertrophy and failure, cardiovascular electrophysiology and arrhythmias, myocardial ischemia and metabolism and include a study section devoted to clinical investigation. Respiratory study sections focus on inflammation and immune dysfunctions in the lung, lung injury, repair and remodeling, and the integrative biology and control mechanisms of the lung and its related organs and tissues. Investigators may employ a range of approaches that include genetics, genomics and proteomics, molecular, cell, and computational biology, biochemistry, biophysics and bioengineering, imaging, analyses of model organisms, and human studies.

CVRS - *CCHF* **Cardiac Contractility, Hypertrophy, and Failure - CCHF**

Descrizione 2° livello NIH-CSR:

The Cardiac Contractility, Hypertrophy, and Failure [CCHF] Section reviews applications that involve basic, applied and translational aspects of heart function, homeostasis and disease. Applications focus on contractile function and dysfunction, including studies of hereditary and acquired cardiac hypertrophy and failure, at levels ranging from molecular assemblies to the intact organ to translation of novel therapies to human.

CVRS - *CDD* **Cardiovascular Differentiation and Development - CDD**

Descrizione 2° livello NIH-CSR:

The Cardiovascular Differentiation and Development [CDD] Section reviews applications related to development and differentiation of heart, vascular and lymphatic system. A wide variety of technologies are encouraged including human genetics, as well as cellular, molecular, genetic, genomic/proteomic and transgenic approaches in different model organisms such as mouse, chick, zebrafish, xenopus and drosophila.

CVRS - *CICS* **Clinical and Integrative Cardiovascular Sciences - CICS**

Descrizione 2° livello NIH-CSR:

The Clinical and Integrative Cardiovascular Sciences [CICS] Section considers patient oriented research involving the cardiovascular system and related regulatory organ systems. Patient oriented research is defined as studies involving investigation of the cardiovascular system of humans, including autonomic physiology and exercise cardiovascular studies and extending to include surgery and pediatrics. Clinical trials that are secondary prevention focusing on outcomes may be assigned to CICS. Applications for randomized multi-center clinical trials are not appropriate for CICS.

CVRS - *ESTA*

Electrical Signaling, Ion Transport, and Arrhythmias - ESTA

Descrizione 2° livello NIH-CSR:

The Electrical Signaling, Ion Transport and Arrhythmias Section reviews both basic and clinical applications concerned with cardiac and vascular electrical and mechanical activity, excitation-contraction coupling, electrophysiological aspects of normal and abnormal cardiovascular function, arrhythmias and sudden death. Studies involve humans and animals, in vitro and in vivo systems, molecular, genetic, electrophysiological, biochemical, biophysical, bioengineering, and computational approaches. Emphasis is on ion transfer and transport mechanisms affecting cardiac rhythm disorders, impulse propagation, and cardiac and vascular smooth muscle contractility in hypertrophy, heart failure, ischemia, hypertension, congenital heart disease, and heart transplant.

CVRS - *LCMI*

Lung Cellular, Molecular, And Immunobiology - LCMI

Descrizione 2° livello NIH-CSR:

The Lung Cellular, Molecular, and Immunobiology [LCMI] Section reviews grant applications designed to study the genetic, molecular, and cellular basis of normal respiratory biology, and the alterations in these processes in inflammatory and immune lung disorders. The Section will consider applications using molecules, cells, tissues, organs, animal models, and/or human investigations that address the identity, function, and products of the cells that populate the airways, the regulation and dysregulation of innate host defense mechanisms and the adaptive immune system in health and disease as they relate to the respiratory system. Topics may include the inflammatory and immune mechanisms that contribute to the pathogenesis of a variety of airway diseases of the lung, including, but not limited to, Asthma, Cystic Fibrosis, Chronic Obstructive Pulmonary Disease (COPD), and Tuberculosis.

CVRS - *LIRR*

Lung Injury, Repair, and Remodeling - LIRR

Descrizione 2° livello NIH-CSR:

The Lung Injury, Repair, and Remodeling [LIRR] Section reviews applications that focus on lung injury, repair, remodeling, and barrier function in non-vascular pulmonary tissue or cells, and lung development and regeneration. Among the mechanistic processes considered are cellular processes including signal transduction, control of gene expression, cell cycle and cell death mediators, and proteolytic mechanisms. Integrative processes include inflammation, cell trafficking, cell-cell interactions, regulation of extracellular matrix, and effects of blood components such as coagulation factors and complement.

CVRS - *MIM*

Myocardial Ischemia and Metabolism - MIM

Descrizione 2° livello NIH-CSR:

The Myocardial Ischemia and Metabolism [MIM] Section reviews applications involving basic and applied aspects of myocardial ischemia/reperfusion, coronary circulation, and myocardial metabolism. It includes the review of studies using molecular, genetic, cellular, biochemical, pharmacological, genomic, proteomic, and physiological approaches to define normal and pathological processes. MIM examines investigations at all levels of organization, ranging from in vitro models of simulated ischemia in isolated cells to whole animal models.

CVRS - *PPCR*

Physiology and Pathobiology of Cardiovascular and Respiratory Systems - PPCR

Descrizione 2° livello NIH-CSR:

PPCR Section reviews fellowship applications for basic and clinical aspects of respiratory and cardiovascular systems ,including hematology. Approaches include clinical studies, animal models of disease, and in vitro studies of the physiology of these organ systems and of their function in health or disease.

CVRS - *PPMO*

Physiology and Pathobiology of Musculoskeletal, Oral, and Skin Systems - PPMO

Descrizione 2° livello NIH-CSR:

PPMO reviews fellowship applications for basic and clinical aspects of musculoskeletal, oral, and skin sciences. Approaches include clinical studies, animal models of disease, and in vitro studies of the physiology of these organ systems and of their function in health or disease.

CVRS - *RIBT*

Respiratory Integrative Biology and Translational Research - RIBT

Descrizione 2° livello NIH-CSR:

The Respiratory Integrative Biology and Translational Research [RIBT] Section reviews applications that deal with pulmonary vascular physiology; neural control of breathing; respiratory biophysics, biomechanics, imaging, and transport; sleep apnea in relation to upper airways and respiratory control; clinical studies of lung disease; and studies linking genetic and physiologic aspects of lung disease. Methods may include molecular and cellular approaches, normal and genetically modified animal models, human subjects and mathematical modeling. Emphasis is often on physiologic and integrative approaches.

CVRS - *SECS*

Cardiovascular Sciences Small Business SECS

Descrizione 2° livello NIH-CSR:

The Cardiovascular Sciences Small Business Activities [SECS] reviews small business grant applications related to the general areas of cardiac and circulatory system diagnostics, devices and therapies. Projects are included at all levels of organization ranging from in vitro cell and tissue model systems through whole organisms. The stages of product development included range from the basic design/development stage through the clinical research stage.

CVRS - *ZRRS*

Respiratory Sciences Small Business Activities -ZRRS

Descrizione 2° livello NIH-CSR:

The Respiratory Sciences Small Business Activities [ZRRS] section reviews Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) grant applications involving diagnostics, medical devices and therapeutics that are focused on the entire pulmonary system and related organs and processes and using approaches ranging from molecular level to organ to human investigations. This would include studies on the chest wall, upper and lower airways, parenchyma, pleural surfaces, and cells affected by and operative in these processes.

DKUS *DKUS - Digestive, Kidney and Urological Systems*

Descrizione 1° livello NIH-CSR:

The Digestive, Kidney and Urological Systems (DKUS) Group will review applications on basic and clinical aspects of gastrointestinal, hepatobiliary, pancreatic, kidney, urinary tract and male genital system physiology and pathobiology, as well as the disposition and action of nutrients and xenobiotics. In addition, the DKUS Group will review applications aimed at development and evaluation of new techniques, therapies and treatments related to the disorders of the GI tract, hepatobiliary, pancreas, kidney, urinary tract, and male genital system. Investigators may employ a broad range of basic and clinical research methods including pharmacologic, chemical and biochemical approaches, genetics, genomics and proteomics, molecular and cell biology techniques and animal models. Patient-oriented studies including pediatric gastroenterology, renal, urinary and male genital system are included in this Group, but large population studies and randomized clinical trials involving digestive disorders, kidney, urinary and male genital systems will be reviewed elsewhere.

DKUS - *CIMG* Clinical, Integrative and Molecular Gastroenterology - CIMG

Descrizione 2° livello NIH-CSR:

The Clinical, Integrative and Molecular Gastroenterology [CIMG] Section reviews applications concerned with molecular, integrative and clinically-oriented research related to the gastrointestinal (GI) system, including GI development and growth/differentiation control, GI dysplasia and pre-neoplasia, motility, brain-gut interactions, enteric nervous system, motor disorders, acid secretion and acid related disease, GI hormones, pancreatic function and dysfunction, GI system nutrient absorption, malabsorption/malnutrition, nutritional support, integrative GI physiology, genetic determinants of digestive diseases and GI system patient-oriented research.

DKUS - *CMBK* Cellular and Molecular Biology of the Kidney - CMBK

Descrizione 2° livello NIH-CSR:

The Cellular and Molecular Biology of the Kidney [CMBK] Section reviews grant applications involving basic and applied aspects of normal and abnormal renal physiology, cell biology, transport biology, including osmoregulation and osmosensing, hormone action and signal transduction, vascular biology, genetic disorders, cell-matrix interactions, biophysics, and bioenergetics.

DKUS - *GMPB* Gastrointestinal Mucosal Pathobiology - GMPB

Descrizione 2° livello NIH-CSR:

The Gastrointestinal Mucosal Pathobiology [GMPB] Section reviews applications involving gastrointestinal immunology, host-microbial interactions, intestinal infections, inflammation including inflammatory bowel diseases, and epithelial cell biology as it relates to mucosal defense or repair. Approaches may utilize in vitro systems, animal models, or research involving human samples and systems. Emphasis is on basic and translational approaches to mucosal pathophysiology.

DKUS - *HBPP*

Hepatobiliary Pathophysiology - HBPP

Descrizione 2° livello NIH-CSR:

The Hepatobiliary Pathophysiology [HBPP] Section reviews applications involving pathophysiology and treatment of inherited and acquired viral and non viral hepatobiliary diseases; molecular biology of liver function under physiologic and pathophysiologic states; mechanisms of liver injury, repair, regeneration, and transplantation; liver cell biology, immunology and inflammation; cholesterol and bile salt metabolism; hepatobiliary transporters, hepatic protein metabolism, ion channels; and alcohol metabolism and disease.

DKUS - *PBKD*

Pathobiology of Kidney Disease - PBKD

Descrizione 2° livello NIH-CSR:

The Pathobiology of Kidney Disease [PBKD] Section reviews grant applications involving basic and clinical studies of kidney disease, investigations of pathophysiology, diagnosis, consequences and treatment of acute and chronic disorders of the kidney, the consequences of kidney disease and failure, as well as, studies of the normal structure and function of the glomerulus.

DKUS - *SBDI*

Digestive Sciences Small Business Activities - SBIR/STTR - SBDI

Descrizione 2° livello NIH-CSR:

In the Digestive, Kidney and Urological Systems [DKUS] Integrated Review Group, the Digestive Sciences Small Business Activities sector [SBDI] will consider Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] research applications that focus primarily on digestive system diagnostics, devices and therapies, and on the disposition and action of nutrients and xenobiotics. Investigators may employ a range of approaches that include genetics, genomics and proteomics, molecular, cell, and computational biology, biochemistry, biophysics and bioengineering, imaging, analyses of model organisms, and human studies.

DKUS - *SERU*

Renal and Urological Sciences Small Business Activities - SERU

Descrizione 2° livello NIH-CSR:

In the Digestive, Kidney and Urological Systems [DKUS] IRG, the Renal and Urological Sciences Small Business Activities [SERU] will review Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] grant applications that focus primarily on kidney, urinary tract, and male genital system therapies, devices, and diagnostics. This includes clinical, translational and fundamental studies and investigators may employ a range of approaches that include genetics, genomics and proteomics, molecular, cell, and computational biology, biochemistry, biophysics and bioengineering, imaging, analyses of model organisms, and human studies.

DKUS - *UKGD*

Urologic and Kidney Development and Genitourinary Diseases - UKGD

Descrizione 2° livello NIH-CSR:

The Urologic and Kidney Development and Genitourinary Diseases [UKGD] Section reviews applications concerning physiologic and pathophysiologic processes of the lower urinary tract, male reproductive organs, female pelvic floor, urolithiasis, and basic processes underlying upper and lower genitourinary organ development.

DKUS - *XNDA* **Xenobiotic and Nutrient Disposition and Action - XNDA**

Descrizione 2° livello NIH-CSR:

The Xenobiotic and Nutrient Disposition and Action [XNDA] Section reviews applications related to the disposition of xenobiotics and supraphysiologic (SP) levels of nutrients, and the study of their mechanisms of action in normal and pathological conditions of the digestive system, kidney and genitourinary system, as well as in multi-organ systems.

EMNR *EMNR - Endocrinology, Metabolism, Nutrition and Re*

Descrizione 1° livello NIH-CSR:

The Endocrinology, Metabolism, Nutrition and Reproductive Sciences [EMNR] Group reviews applications addressing molecular, cellular, and higher order hormone-regulated processes in physiology and pathophysiology. EMNR will evaluate applications on basic and clinical aspects of hypothalamic, pituitary, gonadal, thyroid, and adrenal physiology and pathophysiology, diabetes mellitus (including its pathogenesis, complications and treatment), the biology of the pancreatic islet (beta cell), adipocyte biology, obesity (including its causes and treatment), and other metabolic disorders including inborn errors of metabolism and nutrient transport disorders. Also reviewed in this Group are applications addressing the biology of reproduction and the pathobiology of its disorders (including the causes and treatments of infertility); male and female reproductive aging and menopause; obstetrical disorders of implantation, gestation, embryogenesis, and parturition; disorders of fetal and neonatal life; and gynecologic conditions are reviewed in this Group. Studies of the role of nutrition under normal and pathological conditions are also reviewed in this Group.
This Group also reviews applications involving integrative physiology and pathophysiology such as neuroendocrinology; humoral actions on the gut, lung and heart; cancers of the endocrine glands; as well as studies related to the effects and mechanisms of action of drugs, biopharmaceuticals, alcohol and toxicants, xenobiotics and endobiotics on reproduction or on endocrine glands. Applications reviewed in this Group may propose a broad range of basic or clinical research methods and techniques, including pharmacologic, chemical and biochemical approaches, genetics, genomics and proteomics, molecular and cell biology techniques, animal models, and patient-oriented studies involving these research topics mentioned above

EMNR - *CADO* **Cellular Aspects of Diabetes and Obesity - CADO**

Descrizione 2° livello NIH-CSR:

The Cellular Aspects of Diabetes and Obesity [CADO] Section reviews applications concerned with all aspects of metabolic regulation related to type 1 and type 2 diabetes and diabetes.

EMNR - *CIDO*

Clinical and Integrative Diabetes and Obesity - CIDO

Descrizione 2° livello NIH-CSR:

The Clinical and Integrative Diabetes and Obesity [CIDO] Section reviews clinical (patient oriented) research applications related to the prevention, pathogenesis and treatment of diabetes and/or obesity.

EMNR - *CMIR*

Cellular, Molecular and Integrative Reproduction - CMIR

Descrizione 2° livello NIH-CSR:

The Cellular, Molecular and Integrative Reproduction [CMIR] Section reviews applications concerned with the molecular, cellular, endocrine, and physiological aspects of reproductive biology in both mammalian and model organism systems. Emphasis is on an integrative experimental approach to elucidate basic mechanisms controlling fertility.

EMNR - *F06*

Endocrinology, Metabolism, Nutrition and Reproductive Sciences (EMNR) Integrated Review Group Fellowship Panel - F06

Descrizione 2° livello NIH-CSR:

EMNR Integrated Review Group Fellowship Panel [F06] reviews fellowship applications in areas of endocrinology, metabolism, nutrition, and all aspects of reproductive sciences. Included are applications for a broad spectrum of research related to all aspects of general endocrinology, gametogenesis and reproductive physiology, pregnancy and lactation, and nutrient metabolism. In general F06 covers science range of all EMNR SRGs

EMNR - *ICER*

Integrative and Clinical Endocrinology and Reproduction - ICER

Descrizione 2° livello NIH-CSR:

The Integrative and Clinical Endocrinology and Reproduction Section [ICER] reviews applications that focus on the physiology and pathophysiology of endocrine systems involving neurophysiological, molecular, biochemical, and cellular approaches. Emphasis is on clinical endocrine and reproductive science investigations.

EMNR - *INMP*

Integrative Nutrition and Metabolic Processes - INMP

Descrizione 2° livello NIH-CSR:

The Integrative Nutrition and Metabolic Processes Section [INMP] reviews applications concerned with the integration of molecular events, gene responses, metabolic processes, and physiological functions. These areas include macronutrients (carbohydrate, protein and lipid or fat), micronutrients (vitamins and minerals) and other food components. Emphasis is on clinically relevant research using cell culture systems, genetically manipulated animals, human studies to understand complications of these processes and their influence on disease

EMNR - *IPOD*

Integrative Physiology of Obesity and Diabetes - IPOD

Descrizione 2° livello NIH-CSR:

The Integrative Physiology of Obesity and Diabetes [IPOD] Section reviews applications dealing with etiology and treatment of metabolic disturbances associated with obesity and diabetes, involving endocrinological, molecular/genetic, biochemical, neuroanatomical, systems biology, dietary, metabolic and integrative physiological approaches. Emphasis is on integrative systems approaches to elucidating peripheral and central regulatory pathways of carbohydrate, lipid and energy homeostasis.

EMNR - *MCE*

Molecular and Cellular Endocrinology - MCE

Descrizione 2° livello NIH-CSR:

The Molecular and Cellular Endocrinology Section [MCE] reviews applications that address the molecular and cell biology of endocrine organs and their products, both hormones and growth factors. This includes the synthesis and secretion of local and circulating hormones and growth factors, polypeptides and lipid-based ligands and their mechanism of action as they interact with cell-surface and nuclear receptors to influence cell structure, function, and the regulation of gene expression in both normal and pathologic states.

EMNR - *PN*

Pregnancy and Neonatology - PN

Descrizione 2° livello NIH-CSR:

The Pregnancy and Neonatology Section [PN] reviews applications related to the physiology of pregnancy and placental development, parturition, clinical obstetrics, maternal/ fetal medicine, and fetal/neonatal development utilizing molecular/genetic, cellular, whole-organ/animal/subject, and biochemical methodologies. Emphasis is on clinical and basic models to understand pregnancy progression and its disorders.

EMNR - *SBMN*

Diabetes, Metabolism, Nutrition and Obesity Small Business SEP (EMNR E10 B)

Descrizione 2° livello NIH-CSR:

The EMNR Small Business SEP [EMNR (10)] considers SBIR/STTR standing SEP reviews applications in areas concerned with the endocrine, metabolic and nutritional basis of diabetes and obesity. Specifically neuroendocrine basis of energy expenditure and weight management, pathogenesis of obesity and diabetes and their management utilizing new and improved therapeutic strategies, bioengineering approaches in monitoring metabolic and nutritional biomarkers.

EMNR - *SBRS*

Reproductive Sciences Small Business SEP - EMNR E11 B

Descrizione 2° livello NIH-CSR:

The EMNR Small Business SEP [EMNR (11)] SBIR/STTR standing SEP reviews applications in areas concerned with the emerging technologies and methodologies across all aspects of general endocrinology, pregnancy, reproductive and developmental physiology; these new and improved technologies and methodologies involve utility of molecular, cellular biological and bioengineering tools utilizing micro and nanotechnology in various reproductive processes including assisted reproductive processes.

ETTN *ETTN - Emerging Technologies and Training in Neuro*

Descrizione 1° livello NIH-CSR:

The Emerging Technologies and Training in Neurosciences [ETTN] Group reviews crosscutting neuroscience grant applications that focus either on application of emerging technologies to neuroscience problems or on training in the neurosciences. The scientific areas are broad and would include: genetics, bioengineering, bioinformatics, modeling, simulation, and imaging all in a neuroscience context.
A premise of this Group and new neurotechnology study sections is that existing regular study sections in bioengineering (BST and SBIB), in neuroscience (BDCN, IFCN, and MDCN), and in genetics (GGG) will not be disrupted and will not be significant sources of applications for this Group. The intent is to cluster for better review applications presently reviewed in neuroscience.

ETTN - *F01* Brain Disorders and Related Neurosciences Fellowship - F01

Descrizione 2° livello NIH-CSR:

The F01 Section reviews fellowship applications with an emphasis on clinical neuroscience and disease. The applications investigate aspects of neuroplasticity, neurodegeneration, neuroimmunology, developmental brain disorders, addiction and sleep disorders, and often employ brain imaging, electrophysiological recording, deep brain stimulation or computational modeling.

ETTN - *F02A* Behavioral Neuroscience Fellowship - F02A

Descrizione 2° livello NIH-CSR:

The F02A Section reviews fellowship applications with an emphasis on behavioral studies designed to further understanding of the nervous system at an integrative, systems level. Applications in this Section often employ a behavioral paradigm, coupled with a non-behavioral approach such as brain Imaging, microdialysis, In vivo electrophysiological recording, or genetic studies such as analysis of early gene expression, gene suppression/knockout studies or epigenetic manipulations.

ETTN - *F02B* Sensory, Motor and Cognitive Neuroscience Fellowship - F02B

Descrizione 2° livello NIH-CSR:

The F02B Section reviews fellowship applications with an emphasis on understanding normal sensory, motor or sensorimotor function, as well as visual, somatosensory and nociceptive information processing, integration of multisensory information, and neural correlates of attention and cognition.

ETTN - *F03A* Biochemical and Molecular Neuroscience Fellowship - F03A

Descrizione 2° livello NIH-CSR:

The F03A Section reviews fellowship applications on the basic cellular and molecular biology of neuronal, glial, retinal and other excitable cells (including chromaffin cells, neuroendocrine cells and muscle cells); the fundamental mechanisms of neuronal cell function, including those relevant to disease processes; the general mechanisms underlying cell death; the mechanisms underlying the initial formation of, as well as cell specialization and differentiation in the developing nervous system; the mechanisms underlying oscillatory events; the mechanisms that specify or influence migratory events and the development, aging, and regeneration of neuronal connectivity; and the consequences of exposure to psychoactive drugs on these processes.

ETTN - *F03B*

Biophysical and Physiological Neuroscience Fellowship - F03B

Descrizione 2° livello NIH-CSR:

Areas of interest encompassed by this Section include the basic cellular and molecular physiology of neurons, glial, retinal, and other excitable cells (including chromaffin cells, neuroendocrine cells and muscle cells); the structural and functional characteristics of ion channels and transporters; the mechanisms by which extra- and intracellular signals are transduced; the structure and function of the transducers themselves; cellular regulation/physiology; neurochemical and pharmacological mechanisms, including the actions of psychoactive drugs; and the development of therapeutic compounds.

ETTN - *MNG*

Molecular Neurogenetics - MNG

Descrizione 2° livello NIH-CSR:

The Molecular Neurogenetics (MNG) Section reviews applications that have their primary focus aimed at applying molecular genetic approaches in a neuroscience context. While this is a multidisciplinary area, the expectation is that projects will always have potential examination of a neuroscience question although they may not be hypothesis-driven in initial stages.

ETTN - *NT*

Neurotechnology - NT

Descrizione 2° livello NIH-CSR:

The Neurotechnology (NT) Section reviews applications to develop and utilize computational, informatic, imaging, biophysical, and bioengineering approaches for studying fundamental problems in neuroscience. While the multidisciplinary nature of NT covers a wide range of technologies, the central theme is a neuroscience context. Proposals need not be hypothesis driven, if the emphasis is on technique development or application.

ETTN - *SBBA*

Developmental Biology and Aging Small Business - SBBA

Descrizione 2° livello NIH-CSR:

The topics covered in SBBA: Developmental Biology and Aging Small Business SBBA section include applications in the areas of developmental biology and aging, using diverse animal and plant models or human studies, and employing approaches at a variety of levels from molecules to whole organisms. Proposals that concern geriatric studies may transcend the boundaries of single organs or systems (e.g., in co-morbidities), and may require integrated experimental, genetic or observational approaches. Studies may examine the basic biology of stem cells as well as strategies for their culture and differentiation in vitro and vivo. Novel strategies for animal cloning as well as the use of genetic approaches to address developmental questions are also covered. Projects may focus on the development of new animal models to examining development and aging as well as toxicological and teratological assays in model organisms for identification of birth defects. Finally, the development of novel devices and monitoring devices for geriatric patients as well as pharmacological interventions for age dependent cognitive and physiological deficits are also covered.

ETTN - *SBMC*

Molecular and Cellular Neuroscience Small Business -SBMC

Descrizione 2° livello NIH-CSR:

The topics covered in the SBMC Molecular and Cellular Neuroscience Small Business section include those areas on the molecular and cellular level. In general, the projects involve development of devices, reagents, and software to probe channels, signal transduction, and the transducers themselves. Studies may involve basic biological processes that underlie or may be altered by disease processes. Examples of devices might include development of imaging and recording techniques; analytical and system controlling software; monitoring and assay platforms; neuroprosthetic devices; biosensors; and stem cells and cell culture systems. Projects might also focus on neurodrug discovery and development; molecular manipulation and engineering; development of specific research reagents and assays; therapeutics; and proteins that interact with and modulate neuroreceptors, transporters and transducers.

ETTN - *SBNE*

Clinical Neurophysiology, Devices, Auditory Devices and Neuroprosthesis Small Business -SBNE

Descrizione 2° livello NIH-CSR:

This small business Section SBNE include developing new monitoring devices (amplifiers, electrodes) and analyses tools for EEG and related signals (ERPs) for applications in the fields of epilepsy, sleep disorders, neurological critical care, and some other miscellaneous applications such as cognitive alterations. New applications of imaging methodologies and ancillary tools for diagnostics and research applications are also reviewed in this Section. Implantable electrodes and various aspects of neuroprosthetics devices (new arrays, telemetry, external power, etc.) and their clinical and research applications are also covered. The Section also reviews applications related to monitoring and interventional tools for the neurovascular defects (such as aneurysms), stroke, and ICP monitoring. This Section also reviews applications dealing with the auditory system and hearing, including enhancing hearing of impaired individuals, diagnostic audiometry and devices or processes related to the neurobiology of the auditory system.

ETTN - *SBPD*

Pharmacology and Diagnostics for Neuropsychiatric Disorders and Neural Systems Small Business - SBPD

Descrizione 2° livello NIH-CSR:

This Section SBPD reviews Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] applications concerned with the diagnosis and treatment of neurological and psychiatric disease. Applications include medicinal chemistry studies aimed at identifying lead therapeutic compounds or developing new diagnostic products. Other applications may focus on Investigational New Drug (IND) enabling studies or Proof-Of-Concept clinical studies on either IND approved agents or new indications for previously approved therapeutics. Emphasis is placed on the near term development of specific products with commercial viability being an important consideration.

ETTN - *SBVS*

Visual Systems Small Business SBVS

Descrizione 2° livello NIH-CSR:

The Visual System small business Section (SBVS) reviews applications concerned with novel medical devices, monitoring systems and adaptation/improvement of existing technologies for normal and pathologic states of the eye. Also included is the development of devices to aid the blind and visually impaired.

GGG *GGG - Genes, Genomes and Genetics*

Descrizione 1° livello NIH-CSR:

The Genes, Genomes and Genetics [GGG] Group will review research applications on fundamental and applied aspects of genes, genomes and genetics of humans and other organisms. Areas considered are fundamental mechanisms and regulation of gene expression, including chromosome function and maintenance, the regulation of DNA and RNA metabolism, translation, and posttranslational modification. Genomic studies, computational biology and technology development will also be considered, including development of new genetic tools and resources, global analysis of genetic systems, biological and computational resource development, and classification, storage, access, analysis and integration of genetic and other biological information. Genetic variation and evolution will be reviewed under the GGG Group including the description, analysis and modeling of induced and natural genome variation, and comparisons between species. All aspects of quantitative genetics including complex trait mapping will be considered in humans and a wide variety of other species. The involvement of genetics in human health and disease will be considered, including the discovery, application and interpretation of gene and genomic variation influencing phenotype and the development of experimental and computational approaches to the identification of disease-related genes. Proposals dealing with model systems of all organisms, as they relate to human health and disease, will be considered, as will translational genetic studies applying fundamental genetic insight into the clinical setting

GGG - *GCAT* Genomics, Computational Biology and Technology - GCAT

Descrizione 2° livello NIH-CSR:

The Genomics, Computational Biology and Technology [GCAT] Section reviews applications involving global and integrative analyses of biological systems, and the development of new computational algorithms and statistical methodology as applied to genomic studies.

GGG - *GHD* Genetics of Health and Disease - GHD

Descrizione 2° livello NIH-CSR:

The GHD Section will review applications involving the discovery, application and interpretation of genetic and genomic variation in human phenotype and disease.

GGG - *GVE*

Genetic Variation and Evolution - GVE

Descrizione 2° livello NIH-CSR:

The Genetic Variation and Evolution [GVE] Section reviews grant applications related to the origin, distribution, maintenance, and evolutionary consequences of genetic variation to provide for the expansion of fundamental knowledge about living systems. Understanding genetic variation and evolution is central to modern approaches to biomedicine, epidemiology, health, and disease. Studies make use of mathematical models, computer simulations, viruses, microbes (prokaryotic and eukaryotic), plants, and animals, including natural populations, laboratory model systems, and humans.

GGG - *MGA*

Molecular Genetics - MGA

Descrizione 2° livello NIH-CSR:

The molecular genetics [MGA] Sections review applications involving molecular mechanisms of genome replication, maintenance and gene expression in eukaryotes, prokaryotes and viruses. Experimental approaches include the use of whole organisms, transgenic organisms, stem cells, differentiation, development and disease models and cell free systems, genetics, genomics, and bioinformatics.

GGG - *PCMB*

Prokaryotic Cell and Molecular Biology - PCMB

Descrizione 2° livello NIH-CSR:

The Prokaryotic Cell and Molecular Biology [PCMB] Section reviews applications addressing the genetics, biochemistry, structure, physiology and behavior of bacteria, archaea, and their phages. The focus of the Section is on research whose results will be applicable principally to microbial organisms. Studies may use pathogenic or nonpathogenic organisms and be at the genetic, molecular, biochemical, cellular, or community level.

GGG - *SEEL*

Ethical, Legal, and Social Implications of Human Genetics Special Emphasis Panel - ELS

Descrizione 2° livello NIH-CSR:

The Ethical, Legal, and Social Implications of Human Genetics [ELS] Section reviews ethical, legal, and social implications of human genetics.

GGG - *SEGT*

Gene Therapy and Inborn Errors - GTIE Special Emphasis Panel

Descrizione 2° livello NIH-CSR:

Genetic basis of defects in lipid, amino acid, carbohydrate and nucleic acid metabolism and organelle function and development of strategies for their correction. This can include investigation of inborn errors of metabolism, mitochondrial defects, mechanism of mutation and gene silencing, replacement or repair.

GGG - *TAG*

Therapeutic Approaches to Genetic Diseases - TAG

Descrizione 2° livello NIH-CSR:

TAG Section covers mechanisms by which genomic abnormalities that cause genetic disease lead to disease pathogenesis. Further, the Section covers development of therapeutics for genetic diseases.

HDM *HDM - Healthcare Delivery and Methodologies*

Descrizione 1° livello NIH-CSR:

The Healthcare Delivery and Methodologies [HDM] Group reviews applications for research on health and health-related behaviors of individuals and populations, particularly studies that examine socio-environmental factors, cultural factors and processes, institutions, social organization, social networks, media, and social and family group membership. Specific areas of interest reviewed within the HDM Group include (but are not limited to): studies of socio-environmental influences on health, behavior and development; community and organizational interventions for the prevention and modification of risk behaviors; health services research on the antecedents and consequences of health services utilization, including multidisciplinary investigations of factors affecting access, organization, costs, quality, and the financing of health services; methodological issues, various statistical techniques, and modeling of phenomena relevant to behavioral and social science research; description, prevention, treatment and control of chronic and communicable diseases in the community; approaches to promoting health and preventing disease; interventions influencing patient health outcomes, costs and nursing systems; bioethics; and occupational or work environments and their relationship to health and well-being of workers

HDM - *BCHI* Biomedical Computing and Health Informatics - BCHI

Descrizione 2° livello NIH-CSR:

The Biomedical Computing and Health Informatics [BCHI] Section reviews applications that focus on informatics, using a biomedical discovery, process or clinical question to demonstrate and/or validate the informatics and computing approaches. The emphasis is on direct population applications. Applications in which informatics is used as a tool in the biomedical discovery process, or to support clinical studies, would be assigned to the scientific review group dealing with the particular biomedical or clinical topics.

HDM - *BMRD* Biostatistical Methods and Research Design - BMRD

Descrizione 2° livello NIH-CSR:

The Biostatistical Methods and Research Design (BMRD) Section reviews applications that seek to advance statistical and mathematical techniques and technologies applicable to the design and analysis of data from biomedical, behavioral, and social science research. Emphasis is on the promotion of quantitative methods to aid in the design, analysis, and interpretation of clinical and population based research studies.

HDM - *CIHB*

Community Influences on Health Behavior - CIHB

Descrizione 2° livello NIH-CSR:

The Community Influences on Health Behavior [CIHB] Section reviews applications concerned with the broader socioenvironmental contexts in which health, disease, health-related behavior, and normal development are embedded, including those applications that examine the interaction of socioenvironmental factors with individual biopsychosocial factors. The applications may examine social, cultural, and other socioenvironmental factors and processes and their inter-relationships with a broad range of outcomes, including mental and physical health, illness and disorder, risk and protective behaviors and behavior change, health beliefs and attitudes, and normal development and functioning across the lifespan. Research approaches may include ethnographic and other qualitative methods; quantitative and mixed-method studies; cross-sectional, longitudinal, or cohort comparison designs; experimental and quasi-experimental designs; studies that focus on more than one period or transition of the life course; and international studies

HDM - *CLHP*

Community-Level Health Promotion - CLHP

Descrizione 2° livello NIH-CSR:

The Community-Level Health Promotion [CLHP] Section reviews applications that test the efficacy of interventions that focus on the prevention of health risk behaviors and/or adherence to disease treatments across the lifespan. Studies may investigate social, cultural, and other socioenvironmental factors and processes and their inter-relationships with a broad range of outcomes, including mental and physical health, illness and disorder, risk and protective behaviors and behavior change, health beliefs and attitudes, and normal development and functioning. Research approaches may include ethnographic and other qualitative methods; quantitative and mixed-method studies; cross-sectional, longitudinal, or cohort comparison designs; experimental and quasi-experimental designs.

HDM - *F16*

Health and Health Related Behavior of Individuals and Populations Fellowship - F16

Descrizione 2° livello NIH-CSR:

The F16 Section reviews fellowship applications concerned with the interaction of socioenvironmental factors with the health and health related behavior of individuals and populations. Emphasis is placed on the influence of these factors on health, behavior and development; group or individual-level interventions to prevent or modify risk factors; population processes and their antecedents and consequences; health services research; epidemiological studies; and quantitative methodologies.

HDM - *HSOD*

Health Services Organization and Delivery - HSOD

Descrizione 2° livello NIH-CSR:

The Health Services Organization and Delivery (HSOD) Section reviews health services research studies that include multidisciplinary investigations of the predictors, processes and outcomes of health services, including availability, access and acceptability; organization; decision-making; delivery, utilization, and quality of care; and costs, cost-effectiveness and financing of health care. Health services include inpatient, outpatient, sub-acute, acute, community-based, rehabilitative and long-term care.

HDM - *NSAA*

Nursing Science: Adults and Older Adults - NSAA

Descrizione 2° livello NIH-CSR:

The Nursing Science: Adults and Older Adults (NSAA) Section reviews applications that address the science that underpins clinical practice and is concerned with preventing, delaying the onset, and slowing the progression of disease and disability among mid-life and older adults. Emphasis is on elucidating approaches to achieve and sustain a healthy lifestyle, easing the symptoms of illness, improving quality of life for patients and caregivers, reducing health disparities, and addressing issues at the end-of-life.

HDM - *NSCF* **Nursing Science: Children and Families - NSCF**

Descrizione 2° livello NIH-CSR:

The Nursing Science: Children and Families Section (NSCF) reviews applications that address the science that underpins clinical practice and is concerned with preventing, delaying the onset, and slowing the progression of disease and disability from preconception to young adulthood. Emphasis is on elucidating approaches to achieve and sustain healthy family functioning, promoting healthy lifestyles and behaviors, reducing health disparities, easing the symptoms of illness, addressing issues at the end-of-life, and improving quality of life for patients, caregivers and families.

HDM - *REHS* **Research on Ethical Issues in Human Studies - REHS**

Descrizione 2° livello NIH-CSR:

The REHS section reviews applications that deal with the ethical issues in human subjects research that are not primarily focused on genetics related issues.

HDM - *SBHD* **Healthcare Delivery and Methodologies Small Business - - SBHD**

Descrizione 2° livello NIH-CSR:

SBHD section [SBIR/STTR] applications seek to understand and elaborate the broader socioenvironmental contexts in which health and health-related behavior are embedded and to examine the interaction of these socioenvironmental factors with the health and health-related behavior of individuals and populations are reviewed . The socioenvironmental factors studied may include social class, socioeconomic conditions, cultural factors and processes, institutions, social organization, social networks, neighborhood and regional characteristics, media, policies, social and family group membership, and racial and ethnic identity.

IDM *IDM - Infectious Diseases and Microbiology*

Descrizione 1° livello NIH-CSR:

The Infectious Diseases and Microbiology [IDM] Group will consider applications involving the basic biology of microbes (excluding HIV), multicellular parasites and their vectors, and the infections and diseases caused by these agents. Specifically the IDM Group reviews research grant applications concerning virology and viral pathogenesis, bacteriology and bacterial pathogenesis, fungal pathogenesis, parasitology and parasitic diseases, the innate and adaptive host responses to these microbes and viruses, and the development of anti-infective agents to treat and prevent infectious disease. If the focus of a grant application is a pathogen or a pathogenic mechanism, assignment for review could be to an IDM study section.

IDM - *BACP* **Bacterial Pathogenesis - BACP**

Descrizione 2° livello NIH-CSR:

The Bacterial Pathogenesis [BACP] Section reviews applications concerned with bacterial pathogens or the pathogen side of the host-pathogen relationship.

IDM - *CRFS*

Clinical Research and Field Studies of Infectious Diseases - CRFS

Descrizione 2° livello NIH-CSR:

The Clinical Research and Field Studies of Infectious Diseases [CRFS] Section reviews applications that address population-based studies on the emergence, spread, control, and prevention of infectious diseases (including potential agents of bioterrorism) that affect humans.

IDM - *DDR*

Drug Discovery and Mechanisms of Antimicrobial Resistance - DDR

Descrizione 2° livello NIH-CSR:

The Drug Discovery and Mechanisms of Antimicrobial Resistance [DDR] Section reviews applications that are concerned with the identification of novel antimicrobial, antifungal, and antiparasitic agents for the prevention and treatment of infectious diseases and the study of the evolution, mechanisms, and transmission of resistance.

IDM - *F13*

Infectious Diseases and Microbiology Fellowship - F13

Descrizione 2° livello NIH-CSR:

The F13 Special Emphasis Panel reviews fellowship applications involving virology and viral pathogenesis, bacteriology and bacterial pathogenesis, fungal pathogenesis, parasitology and parasitic diseases, the innate and adaptive host responses to these microbes and viruses, and the development of anti-infective agents to treat and prevent infectious disease.

IDM - *HIBP*

Host Interactions with Bacterial Pathogens - HIBP

Descrizione 2° livello NIH-CSR:

The Host Interactions with Bacterial Pathogens [HIBP] Section reviews applications involving studies that focus on bacterial factors that alter/affect host cells, or the host aspect of the host pathogen interaction.

IDM - *PTHE*

Pathogenic Eukaryotes - PTHE

Descrizione 2° livello NIH-CSR:

The Pathogenic Eukaryotes [PTHE] Section reviews applications involving protozoal, helminthic, fungal pathogens in humans and animal models.

IDM - *SBID*

Small Business: Non-HIV Infectious Agent Detection/Diagnostics, Food Safety, Sterilization/Disinfection and Bioremediation - SBID

Descrizione 2° livello NIH-CSR:

The Non-HIV Infectious Agent Detection/Diagnostics, Food Safety, Sterilization/Disinfection and Bioremediation section [SBID] considers Small Business Innovation Research [SBIR] and Small Business Technology Transfer Research [STTR] grant applications that deal with detection and diagnostics of bacteria, non-HIV viruses, fungi, parasites and prions. Grant applications focused on non-HIV infectious agents and toxins that are contaminating food are also considered; emphasis may include technologies to protect food and water from infectious contamination, as well as sterilization and bioremediation technologies.

IDM - *SBN*

Small Business: Non-HIV Anti-Infective Therapeutics - SBN

Descrizione 2° livello NIH-CSR:

The Non-HIV Anti-Infective Therapeutics section SBN reviews Small Business Innovation Research [SBIR] and Small Business Technology Transfer Research [STTR] grant applications that focus on the development of therapeutic agents to combat bacterial, viral, fungal, parasitic, prion infections and disease vectors.

IDM - *VB*

Vector Biology - VB

Descrizione 2° livello NIH-CSR:

The Vector Biology [VB] Section reviews applications on all aspects of arthropod and molluscan intermediate hosts of parasitic (e.g., nematode, helminth, or protozoa), viral, and bacterial pathogens, including model systems, where the intent is to yield information relevant to human diseases.

IDM - *VIRB*

Virology A & B Study Sections - VIRA & VIRB

Descrizione 2° livello NIH-CSR:

The Virology [VIRB] Section review applications addressing fundamental aspects of non-HIV and non-bacteriophage viral genetics, infection and replication; cellular and host responses to viral infections; and mechanisms of disease pathogenesis in plants, animals, and humans. In general, applications with a focus on biophysics aspects of virology or structural biology will be assigned to VIRA and those addressing viral immunity will be assigned to VIRB.

IDM - *ZRDM*

Topics in Bacterial Pathogenesis Special Emphasis Panel - ZRDM

Descrizione 2° livello NIH-CSR:

The Topics in Bacterial Pathogenesis Special Emphasis Panel [ZRDM] reviews (no other area) application mechanisms that would otherwise be reviewed by either the Bacterial Pathogenesis (BACP) or Host Interactions with Bacterial Pathogens (HIBP) Sections. Accordingly, it reviews applications involving bacterial infections and host pathogen interactions.

IFCN *IFCN - Integrative, Functional, and Cognitive Neur*

Descrizione 1° livello NIH-CSR:

The ten study sections comprising the Integrative, Functional, and Cognitive Neuroscience [IFCN] Group review applications within a very wide range of neuroscience research aimed at furthering our understanding of how the nervous system is organized and functions at an integrative, systems level. Specific areas reviewed by the IFCN Group include: studies of the neural basis of emotional and motivational behavior; regulation of function, at the systems level, by neuroendocrine and neuroimmune influences; the analysis of system function under varying behavioral states, such as sleep and hibernation; the basis of biological rhythms; the maintenance of homeostasis; chemosensation, hearing, balance, touch, somatosensation, and visual perception; motor systems and sensorimotor integration; the integration of multisensory information; the neurobiological basis of learning, memory and other cognitive processes; computational and theoretical models of cognitive processes; mechanisms underlying neural coding of complex stimuli (e.g., pattern recognition, spatial transformations, speech perception); and attention and its effects on information processing in the nervous system. Research proposed in applications reviewed in the IFCN Group may have relevance to disorders or disease processes, but the emphasis would be on the effect of the process on the structure or function of the system under investigation, rather than on the disease process itself.

IFCN - *AUD* **Auditory System - AUD**

Descrizione 2° livello NIH-CSR:

The Auditory System [AUD] Section reviews applications on the structure and function of the auditory and vestibular systems using a variety of approaches.

IFCN - *BRS* **Biological Rhythms and Sleep - BRS**

Descrizione 2° livello NIH-CSR:

The Biological Rhythms and Sleep (BRS) Section reviews applications on the neurobiological basis of biological rhythms including sleep. Proposed studies typically examine molecular, cellular, circuit and system mechanisms responsible for the generation, synchronization, entrainment and modulation of the various rhythms and or their functional role(s). The development, maturation and aging of biological rhythms are considered, as well as plasticity in the adult. BRS primarily considers research with animal models, but relevant work with humans is also included.

IFCN - *COG* **Cognitive Neuroscience - COG**

Descrizione 2° livello NIH-CSR:

The Cognitive Neuroscience [COG] Section reviews a broad range of applications on the neurobiological mechanisms and principles underlying cognitive functions other than learning and memory. Particular emphasis is placed on studies that directly relate behavioral/cognitive processes to their neural substrates. Multiple approaches and methodologies are appropriate including electrophysiology, anatomy, EEG, fMRI, MEG, psychophysics, behavioral testing, pharmacological intervention and theoretical/computational modeling.

IFCN - *CVP* **Central Visual Processing - CVP**

Descrizione 2° livello NIH-CSR:

The Central Visual Processing [CVP] Section reviews applications for basic, clinical and applied research investigating normal and impaired visual perception, gaze control and the responsible circuits and structures of the eye and brain.

IFCN - *LAM* **Neurobiology of Learning and Memory - LAM**

Descrizione 2° livello NIH-CSR:

The Neurobiology of Learning and Memory [LAM] Section reviews applications on the neurobiological structures, mechanisms, and principles underlying learning, memory, and associated neural plasticity. The scope of this committee is broad, including studies of the molecular and cellular changes, functional circuitry, and neural coding and integration that underlie learning and memory processes. Most importantly, all studies appropriate for LAM directly relate neural substrates to behavioral/cognitive processes.

IFCN - *NAL* **Neurotoxicology and Alcohol - NAL**

Descrizione 2° livello NIH-CSR:

The Neurotoxicology and Alcohol [NAL] Section addresses the effects of environmental toxicants (such as pesticides or metals) or alcohol on the central nervous system.

IFCN - *NMB* **Neurobiology of Motivated Behavior - NMB**

Descrizione 2° livello NIH-CSR:

The Neurobiology of Motivated Behavior [NMB] Section reviews applications examining the neuronal circuits critical to the mediation of rewarding and negatively motivated behaviors. Studies reviewed by NMB utilize molecular, cellular, anatomical, and behavioral techniques, however the emphasis of these application is the neurobiological mechanisms underlying the mediation of motivated behavior.

IFCN - *NNB* **Neuroendocrinology, Neuroimmunology and Behavior - NNB**

Descrizione 2° livello NIH-CSR:

The Neuroendocrinology, Neuroimmunology and Behavior (NNB) Section reviews applications on the neurobiological basis of behavior with a focus on neuroendocrine and neuroimmune systems. Studies typically use behavioral, physiological, pharmacological, anatomical and developmental approaches, but may include cellular, molecular or genetic approaches. The development, maturation and aging of the neuroendocrine and neuroimmune systems are considered, as well as plasticity in the adult. NNB primarily considers research with animal models, but relevant work with humans is also included.

IFCN - *SCS* **Somatosensory and Chemosensory Systems - SCS**

Descrizione 2° livello NIH-CSR:

The Somatosensory and Chemosensory Systems [SCS] Section reviews research on the anatomy, physiology and psychophysics of chemosensory, pain, analgesia and somatosensory systems in animals and humans. The emphasis is on integrative systems approaches to understanding normal sensory function.

IFCN - *SECF* **Chronic Fatigue Syndrome/ Fibromyalgia Syndrome Special Emphasis Panel - SECF**

Descrizione 2° livello NIH-CSR:

The Chronic Fatigue Syndrome/ Fibromyalgia Syndrome [SECF] reviews applications in the multiple disciplines applied to studies of the causes, manifestations and treatments of the Chronic Fatigue Syndrome, the Fibromyalgia Syndrome and other chronic polysystemic morbidity syndromes.

IFCN - *SMI* **Sensorimotor Integration - SMI**

Descrizione 2° livello NIH-CSR:

The Sensorimotor Integration [SMI] Section reviews applications concerned with the structure and function of motor, sensorimotor, and vestibular systems, involving neurophysiological, molecular/genetic, biochemical, neuroanatomical, biophysical, behavioral, bioengineering and computational approaches. Emphasis is on integrative systems approaches to elucidating neural substrates of motor control.

IMM *IMM - Immunology*

Descrizione 1° livello NIH-CSR:

The Immunology [IMM] Group reviews applications that seek an understanding of the immune system's role in hosts' interactions with infectious agents, tumor cells, transplanted cells, self components, the conceptus/fetus, allergens, and environmental exposures; mechanisms, prevention, and treatment of diseases when the immune system has a major role; the evolution, comparative biology, development, structure, aging, and malfunction of the immune system; the molecular, cell, organ, and organismal biology of the immune system; the biophysical and structural analysis of antigens and immune system products and components; the interactions of the immune system with other organs, such as the nervous and endocrine systems; and the participation in immunity by non-lymphohematopoietic tissues and cells, such as epithelia.

IMM - *F07* **Immunology Fellowships and Area - F07**

Descrizione 2° livello NIH-CSR:

F07 reviews fellowship applications where the focus is an understanding of the role of the immune system in the host interaction with infectious agents, tumor cells, transplanted cells, self-components, the conceptus/fetus, allergens, and with substances encountered through environmental exposure.

IMM - *HAI* **Hypersensitivity, Autoimmune, and Immune**

Descrizione 2° livello NIH-CSR:

The Hypersensitivity, Autoimmune, and Immune-mediated [HAI] Diseases Section reviews applications concerned with basic, pre-clinical, and clinical investigations, involving autoimmune diseases, hypersensitivity and allergic diseases, asthma, primary and secondary states of immunodeficiency syndrome (non-AIDS), and inflammatory diseases. Emphasis is on the etiology, initiation, immunopathophsiology, prevention and treatment of diseases in which the immune system (innate and adaptive) is the major contributor. Approaches include human studies, in vitro studies of patient materials, animal models, and genomic and proteomic approaches to immune-mediated disease questions.

IMM - *IHD* **Immunity and Host Defense - IHD**

Descrizione 2° livello NIH-CSR:

The Immunity and Host Defense [IHD] Section covers the interface between the immune response and the microbial milieu. As such it reviews applications concerned with the innate and adaptive immune responses to a wide variety of pathogens and commensals, including viruses, bacteria, fungi, and parasites. Emphasis is on the innate, systemic and mucosal immune responses to these microbial organisms, in animal models and humans.

IMM - *III* **Innate Immunity And Inflammation - III**

Descrizione 2° livello NIH-CSR:

The Innate Immunity and Inflammation Section reviews applications involving basic aspects of innate immunity and inflammation, including studies of soluble and cellular mediators of these processes.

IMM - *IMM* **Small Business Grant Applications: Immunology - IMM**

Descrizione 2° livello NIH-CSR:

The Immunology Integrated Review Group IMM section reviews Small Business Innovation Research (SBIR) and the Small Business Technology Transfer Research (STTR) grant applications from the small business community in the area of basic immunology. Applications from small businesses which address basic and applied immunology, immunologic therapies, and diseases of immunologic origin are appropriate for review. These applications should project the development of a product, process, or service towards a commercial venture.

IMM - *MIA* **Cellular and Molecular Immunology A - CMIA**

Descrizione 2° livello NIH-CSR:

The Cellular and Molecular Immunology - A (CMIA) Section reviews applications concerned with understanding the molecular, structural, biochemical and biophysical aspects of immunology. The focus is primarily on the adaptive arm of the immune system but to some extent, the innate immune arm as well.

IMM - *MIB* **Cellular and Molecular Immunology B - CMIB**

Descrizione 2° livello NIH-CSR:

The Cellular and Molecular Immunology B Section reviews applications concerned with the function and structure of the adaptive immune system. Emphasis is on the activation, developmental, differentiation and interactions of the cells and organs of immune system on the molecular and cellular levels.

IMM - *NHIV* **SBIR none HIV**

Descrizione 2° livello NIH-CSR:

The Immunologic Sciences NHIV section reviews grant applications from the small business community in the area of non-HIV microbial vaccine development for the Small Business Innovation Research (SBIR) and the Small Business Technology Transfer Research (STTR) Programs. Applications from small businesses that address basic and applied studies in the design, development, production, and evaluation of candidate vaccines against microbial-caused diseases are appropriate for review in this panel. The applications should project the development of a product, process, service, or platform technology that can be developed as a commercial venture. NHIV also reviews the adaptation or fabrication of vaccine delivery systems and adjuvant systems. The panel does not review grant applications proposing development of vaccines against HIV or AIDS.

IMM - *TTT* **Transplantation, Tolerance and Tumor Immunology - TTT**

Descrizione 2° livello NIH-CSR:

The Transplantation, Tolerance and Tumor Immunology (TTT) Section reviews applications involving the making and breaking of immune tolerance. This includes human and animal studies of immune-mediated transplant rejection, basic mechanisms of acquired immune tolerance, and studies of tumor immunology and vaccine development. Emphasis is on immune mechanisms.

IMM - *VMD* **Vaccines Against Microbial Diseases - VMD**

Descrizione 2° livello NIH-CSR:

The Vaccines against Microbial Diseases [VMD] Section reviews applications regarding the immune responses against pathogens other than HIV and the development of safe and effective vaccines against these pathogens. The science reviewed involves multiple approaches, namely immunological, molecular biological, biochemical, bioinformatic, genetic, structural biological, nano-technological, computational biological, and microarray technological.

IMST *IMST - Interdisciplinary Molecular Sciences and Tr*

Descrizione 1° livello NIH-CSR:

The Interdisciplinary Molecular Sciences & Training [IMST] Group reviews crosscutting molecular science applications that focus either on the application of emerging technologies to molecular problems or on training in molecular sciences. The scientific areas are broad and include: biochemistry, biophysics, cancer biology, cell biology, chemistry, and genetics.

IMST - *F04A* **Fellowship: Chemical and Bioanalytical Sciences - F04A**

Descrizione 2° livello NIH-CSR:

The F04A panel reviews fellowship applications dealing with structure, dynamics, and physical chemistry of macromolecules as they relate to biological function.

IMST - *F05* **Fellowship: Cell Biology and Development - F05**

Descrizione 2° livello NIH-CSR:

The F05 panel reviews fellowship applications in the broad areas of molecular, cellular and developmental biology when the focus is to understand basic principles of cell structure, function, regulation and differentiation.

IMST - *F08*

Fellowship: Genes, Genomes, and Genetics - F08

Descrizione 2° livello NIH-CSR:

The F08 panel reviews fellowship applications that focus on the genetics and genomics of prokaryotic and eukaryotic systems.

IMST - *F09*

Fellowship: Oncological Sciences - F09

Descrizione 2° livello NIH-CSR:

The F09 panel reviews fellowship applications dealing with the basic, translational, and clinical science of cancer.

IMST - *F14*

Fellowship: Technology Development - F14

Descrizione 2° livello NIH-CSR:

The F14 panel reviews fellowship applications that focus on early stage bioengineering and technology development, before specific practical uses are proven. These applications need not be hypothesis-driven and may focus on the development of specific products, methods, or principles.

IMST - *SBBC*

Small Business: Biological Chemistry and Biophysics - SBBC

Descrizione 2° livello NIH-CSR:

The SBBC section reviews small business applications in the general areas of biological chemistry and biophysics, including bioanalytical technologies, spectroscopic technologies, and technologies that advance high-throughput.

IMST - *SBBD*

Small Business: Biomaterials, Delivery Systems, and Nanotechnology - SBBD

Descrizione 2° livello NIH-CSR:

The SBBD section reviews small business applications in the general areas of biomaterials and new strategies, devices, vectors, and agents for delivering genes or drugs into cells or organisms

IMST - *SBCI*

Small Business: Computational Biology, Image Processing, and Data Mining - SBCI

Descrizione 2° livello NIH-CSR:

The SBCI section reviews small business applications with a dominant focus in computational and mathematical sciences.

IMST - *SBCM*

Small Business: Cell Biology and Molecular Imaging - SBCM

Descrizione 2° livello NIH-CSR:

The SBCM sectionl reviews small business applications in the general areas of cell biology and molecular imaging.

IMST - *SBDS*

Small Business: Devices and Detection Systems - SBDS

Descrizione 2° livello NIH-CSR:

TheSBDS section reviews small business applications in the general area of instrumentation and systems development, including sensor and monitoring technologies for biological, environmental, and biodefense purposes.

IMST - *SBGG* **Small Business: Genes, Genomes, and Genetics - SBGG**

Descrizione 2° livello NIH-CSR:

The SBGG section reviews small business applications involved in areas of genetics, genomics, and nucleic acid technology.

IMST - *SBIM* **Small Business: Drug Discovery and Development - SBIM**

Descrizione 2° livello NIH-CSR:

The SBIM section reviews small business applications in small molecule drug discovery and development

MDCN *MDCN - Molecular, Cellular, and Developmental Neur*

Descrizione 1° livello NIH-CSR:

Study sections of the Molecular, Cellular, and Developmental Neuroscience [MDCN] Group review applications on the structure and function of neuronal, glial, and other excitable cells, as well as the development of both the central and the peripheral nervous systems, inclusive of the visual system and other excitable cells. Excitable cells, in addition to neural cells, include endocrine and neuroendocrine cells, pancreatic beta-cells, chromaffin cells, muscle cells, neuromuscular junctions, etc. Areas of interest include the functional characteristics of ion channels, the mechanisms by which extra- and intracellular signals are transduced and the functional characteristics of the transducers themselves, general mechanisms underlying the process of cell death, analyses of neural cell lineage, factors that specify or influence neuronal migration pathways or axonal pathfinding, processes that involve the maturation of neurons and glia, the formation of patterns and boundaries that lead to the development of adult brain regions and nuclei, and other aspects of the basic cellular and molecular physiology of neurons and glia. Applications reviewed in the MDCN Group include those relevant to disorders or injuries, but their emphasis lies more in revealing the basic biological processes that underlie or may be altered in these disorders than in treating the disorder or its manifestations.

MDCN - *BPNS* **Biophysics of Neural Systems - BPNS**

Descrizione 2° livello NIH-CSR:

The Biophysics of Neural Systems [BPNS] Section reviews applications dealing with basic biophysical studies of neurons, muscle and other excitable cells and their components in both normal and diseased states. Emphasis is on fundamental structure and function relationships relevant to physiology and disease processes, but also includes studies involving the biophysical integration of neural function, mathematical modeling and computational studies. Included are studies of subunit structure, molecular dynamics, gating and selectivity, second messengers, protein folding and misfolding, and assembly and aggregation of molecules. General approaches may include molecular and structural biology, pharmacology, biophysics, electrophysiology, protein chemistry, imaging and labeling techniques.

MDCN - *CMBG* **Cellular and Molecular Biology of Glia - CMBG**

Descrizione 2° livello NIH-CSR:

The CMBG Section reviews applications on glial-neuronal, glial-glial, and related interactions [Schwann cells, oligodendrocytes, astrocytes, and microglia]; mechanisms of glial differentiation, metabolism, and myelination; neuroinflammation and neuroimmune function across the life span.

MDCN - *CMND* **Cellular and Molecular Biology of Neurodegeneration - CMND**

Descrizione 2° livello NIH-CSR:

The CMND Section reviews applications on cellular and molecular aspects of neurodegeneration across the lifespan; mapping novel transcripts and functional analysis of cloned gene products involved in neurodegeneration and neuroprotection; as well as molecular aspects of injury, repair and neurological disorders. Also considered are the roles of genetic factors, trophic molecules and extrinsic influences in these processes.

MDCN - *MNPS* **Molecular Neuropharmacology and Signaling - MNPS**

Descrizione 2° livello NIH-CSR:

The Molecular Neuropharmacology and Signaling [MNPS] Section reviews applications on neurotransmitter and receptor-mediated signal transduction with a particular focus on neurochemical, neuroendocrine and molecular neuropharmacological mechanisms. This includes studies of ligand-receptor interactions, neuromodulator and hormonal interactions, neurotransmitter uptake and metabolism, and neurotransmitter and neuropeptide synthesis. Emphasis is on fundamental cellular and molecular mechanisms, including those relevant to the mechanisms of addiction and mental disorders, neurodegenerative disorders.

MDCN - *NCF* **Neurogenesis and Cell Fate - NCF**

Descrizione 2° livello NIH-CSR:

The Neurogenesis and Cell Fate [NCF] Section reviews applications concerned with the initial formation of cells in the developing nervous system, as well as neural progenitor proliferation, specification, determination, and differentiation. Also included are studies involving the initiation and regulation of cell cycle and circadian or oscillatory processes in the nervous system. Emphasis is on fundamental mechanisms underlying these processes in normal development and in responses to disease, injury, and extrinsic factors.

MDCN - *NDPR* **Neurodifferentiation, Plasticity, and Regeneration - NDPR**

Descrizione 2° livello NIH-CSR:

The Neural Differentiation, Plasticity, and Regeneration [NDPR] Section reviews applications focused on differentiation, plasticity, aging, and regeneration of neuronal connectivity. Emphasis is on fundamental cellular and molecular mechanisms, including changes in gene expression and regulation, underlying normal development and aging, as well as recovery from injury, disease, and pathological insults.

MDCN - *NOMD* **Neural Oxidative Metabolism and Death - NOMD**

Descrizione 2° livello NIH-CSR:

The NOMD Section reviews applications studying programmed cell death, necrosis and excitotoxicity; analysis of cloned gene products involved in cell survival or death; reactive oxygen species and oxidative stress associated with neural injury; and mitochondrial biology of neurons and glia in healthy and diseased states across the life span. Also considered are the roles of genetic factors, trophic molecules and extrinsic influences [including toxins, hormones, and addictive or environmental substances] in these processes, as well as basic aspects of disease, injury, repair and interventional strategies.

MDCN - *NTRC*

Neurotransporters, Receptors, Channels and Calcium Signaling - NTRC

Descrizione 2° livello NIH-CSR:

The Neurotransporters, Receptors, Channels and Calcium Signaling [NTRC] Section reviews studies of signal transduction pathways in neurons, muscles, and other excitable cells with particular emphasis on cellular and molecular regulation, physiology and functional consequences. This includes studies of calcium physiology; regulation of ionic gradients, ion pumps and molecular transporters; ion channels; ligand-gated channels; receptors; and transduction molecules. Studies may employ molecular, cellular, biochemical, electrophysiological, and imaging approaches. Emphasis is on fundamental cellular mechanisms, including those relevant to disease processes

MDCN - *SYN*

Synapses, Cytoskeleton and Trafficking - SYN

Descrizione 2° livello NIH-CSR:

The Synapses, Cytoskeleton and Trafficking [SYN] Section reviews applications on the basic cell biology of nerve, muscle and other excitable cells, including synaptic plasticity, protein and organelle trafficking, cell surface and extracellular matrix molecules in cell recognition and function, and cytoskeletal functions across the life span. Emphasis is on fundamental mechanisms of excitable cell function, including those relevant to disease processes

MDCN - *ZRDD*

Drug Discovery in the Nervous System - ZRG1 MNPS

Descrizione 2° livello NIH-CSR:

The Drug Discovery for the Nervous System Special Emphasis Panel [ZRG1 MNPS-C (09)F] reviews pre-clinical applications with the ultimate goal of discovering new pharmacotherapeutic and immunotherapeutic agents for treating or preventing disorders of the nervous system, including drug abuse, that will eventually lead to clinical trials and approval by FDA.

MOSS *MOSS - Musculoskeletal, Oral and Skin Sciences*

Descrizione 1° livello NIH-CSR:

The Musculoskeletal, Oral and Skin Sciences [MOSS] Group will consider research applications that address structural systems that are prerequisite for physical form, mechanical function, movement, and integrity of the body. These structural systems and their components are the basis for the organization of the study sections of this Group and are described according to the following topical areas: skeleton, spine, bone, connective tissue, extracellular matrix, and their related diseases/disorders; dental/oral and craniofacial and their related diseases/disorders; skeletal muscle, limb, and their related diseases/disorders; joints and their related diseases/disorders, including rheumatic diseases; skin and its related diseases/disorders. Autoimmune diseases are specifically included. For these topical areas, the studies considered range from molecular genetics and stem cell research to animal models and clinical trials. For each major topical area, the research applications may include studies of: basic biology, including growth, development, maturation, and aging; biomaterials for prostheses/orthotics and implants; pathogenesis and therapeutics; physical rehabilitation; exercise; mechanobiology/biomechanics; injury and repair, including adaptation, plasticity, degeneration, and regeneration; diagnostic markers and biomarkers; cell and gene-based therapies; and clinical outcomes and trials

MOSS - *ACTS* Arthritis, Connective Tissue and Skin - ACTS

Descrizione 2° livello NIH-CSR:

The Arthritis, Connective Tissue and Skin Sciences [ACTS] Section reviews basic and clinical research applications dealing with the biology and diseases of joints, connective tissue, and skin.

MOSS - *MRS* Musculoskeletal Rehabilitation Sciences - MRS

Descrizione 2° livello NIH-CSR:

The Musculoskeletal Rehabilitation Sciences [MRS] Section evaluates applications pertaining to the biological mechanisms and therapeutics of impaired physical functioning, as well as exercise and physical manipulation, as rehabilitation strategies as they relate to the musculoskeletal system.

MOSS - *MTE* Musculoskeletal Tissue Engineering - MTE

Descrizione 2° livello NIH-CSR:

The Musculoskeletal Tissue Engineering [MTE] Section reviews applications concerned with the replacement or repair of damaged, missing or poorly functioning musculoskeletal tissues, including bone, skeletal muscle, cartilage, tendon, ligament and skin. Emphasis is on translational research at the interface between the combination of basic cellular processes, materials sciences and modeling and clinical treatment, with an emphasis on pre-clinical biological questions.

MOSS - *ODCS* **Oral, Dental and Craniofacial Sciences - ODCS**

Descrizione 2° livello NIH-CSR:

The Oral, Dental and Craniofacial Sciences [ODCS] Section reviews applications involving basic, applied and clinical aspects of the oral and salivary tissues including bioengineering of dental structures, as well as dental and enamel developmental biology, including patterning and mechanisms of biomineralization.

MOSS - *SBDD* **Skeletal Biology Development and Disease - SBDD**

Descrizione 2° livello NIH-CSR:

The Skeletal Biology Development and Disease [SBDD] Section reviews grant applications that deal with basic and translational aspects of normal and abnormal skeletal development.

MOSS - *SBSR* **Skeletal Biology Structure and Regeneration - SBSR**

Descrizione 2° livello NIH-CSR:

The Skeletal Biology Structure and Regeneration [SBSR] Section reviews applications involving basic and applied aspects of the cellular/tissue elements of the musculoskeletal system; their interaction in joints (and the spine); their response to normal loading, injury, aging and disease/disorders; and their regeneration and repair.

MOSS - *SEMO* **Musculoskeletal, Oral and Skin Sciences Small Business - SEMO**

Descrizione 2° livello NIH-CSR:

The SEMO section evaluates Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] grant applications for areas of Musculoskeletal, Oral and Skin Sciences

MOSS - *SMEP* **Skeletal Muscle Biology and Exercise Physiology - SMEP**

Descrizione 2° livello NIH-CSR:

The Skeletal Muscle Biology and Exercise Physiology [SMEP] Section reviews applications concerned with molecular, cellular, physiological and integrative studies of normal and altered skeletal muscle function and processes that range from molecular genetics, to structure-function relationships, to integrative and functional studies on human mobility and exercise, and health. Integrative studies include development and aging, as well as gender and ethnicity differences in muscle function. Therapeutic and preventive interventions as they relate to skeletal muscle function are included, as are studies of the biochemistry and molecular biology of skeletal muscle and injuries, and diseases of muscle.

OBT *OBT - Oncology 1 - Basic Translational*

Descrizione 1° livello NIH-CSR:

The Oncology 1 – Basic Translational Integrated Review Group (OBT Group) will consider applications involving basic and translational investigations that encompass cancer initiation, promotion, progression, and metastasis. Specifically, the OBT Group reviews research grant applications related to chemical and environmental induced carcinogenesis, cancer genetics, tumor biology, oncogenic transformation, regulation of tumor metastasis and angiogenesis, mechanisms of interactions between tumor and host system, and pathological approaches to oncogenesis.

OBT - *CAMP* **Cancer Molecular Pathobiology - CAMP**

Descrizione 2° livello NIH-CSR:

The Cancer Molecular Pathobiology [CAMP] Section reviews applications involving the pathology of the malignant cell with the emphasis on mechanisms controlling cell growth and death, and the molecular events in gene regulation. Emphasis is on pathological approaches to oncogenesis and the basic cellular events involving growth of transformed cells.

OBT - *CE* **Cancer Etiology - CE**

Descrizione 2° livello NIH-CSR:

The Cancer Etiology Section reviews grant applications related to the causal agents, processes, and cells involved in early events in carcinogenesis. The areas included within CE involve gene regulation, DNA damage and repair mechanisms, chemical and viral carcinogenesis. The emphasis is on linking disciplines of chemistry and pathology on the etiology of cancer.

OBT - *CG* **Cancer Genetics - CG**

Descrizione 2° livello NIH-CSR:

The Cancer Genetics [CG] Section reviews applications related to the causal agents and target genes involved in tumor pathogenesis. Organ-specific carcinogenesis is included in this Section. Studies using both mammalian and non-mammalian models are included.

OBT - *MONC* **Molecular Oncogenesis - MONC**

Descrizione 2° livello NIH-CSR:

The Molecular Oncogenesis [MONC] Section reviews applications that focus on the early molecular events that lead to immortalization and oncogenic transformation such as the identification of oncogenes and tumor suppressor genes, alterations in signaling, growth, and cell cycle control pathways, and protein stability/degradation mechanisms. Applications dealing with normal developmental processes as they pertain to oncogenic transformation, including the identification and characterization of progenitor and cancer stem cells are also considered.

OBT - *TCB* **Tumor Cell Biology - TCB**

Descrizione 2° livello NIH-CSR:

The Tumor Cell Biology [TCB] Section reviews applications concerned with signal transduction mechanisms in neoplastic cells, regulation of tumor cell phenotype and behavior, and tumor progression. Emphasis is on signaling processes mediated by kinases, phospahatases and other molecules, including oncogenes, tumor suppressors, various growth factors and receptors, in tumor cells and animal tumor models

OBT - *TME* **Tumor Microenvironment - TME**

Descrizione 2° livello NIH-CSR:

The Tumor Microenvironment [TME] Section reviews grant applications that deal with basic mechanisms of interactions between tumor and host system including stroma cells, extracellular matrix (ECM) and extracellular molecules. Emphasis is on evaluation of the tumor as an organ-like structure with complex, dynamic cross-talk. Studies of tumor-stroma interactions including cell-cell interaction, tumor induced alterations of ECM during tumor progression and metastasis, tumor angiogenesis and lymphangiogenesis, and organ specific metastasis are assigned to this Section.

OBT - *TPM2* **Tumor Progression and Metastasis - TPM2**

Descrizione 2° livello NIH-CSR:

The Tumor Progression and Metastasis [TPM2] Section reviews grant applications that deal with the basic mechanisms of cancer progression, metastasis, invasion/migration and angiogenesis. Special emphasis is placed on hypoxia, inflammation, tumor imaging and pathology, adhesion, and growth. Studies focusing on cytoskeleton, proteases, wound healing, extracellular matrix remodeling, suppressors/inhibitors of metastasis & angiogenesis, and animal models of metastasis & angiogenesis will also be assigned to this Section.

OTC *OTC - Oncology 2 - Translational Clinical*

Descrizione 1° livello NIH-CSR:

The Oncology 2 – Translational Clinical Integrated Review Group (OTC Group) will consider applications involving translational and clinical investigations that encompass cancer prevention, diagnosis and treatment. Specifically, the OTC Group reviews research grant applications related to mechanism of action of cancer therapeutic agents in both in vitro and in vivo model systems; development and evaluation of experimental therapies of neoplastic diseases; translation of basic research to clinical practice; development or optimization of treatment modalities; radiation biology and therapy; chemoprevention; and development of biomarkers/signatures for tumor detection and diagnosis.

OTC - *BMCT* **Basic Mechanisms of Cancer Therapeutics - BMCT**

Descrizione 2° livello NIH-CSR:

The Basic Mechanisms of Cancer Therapeutics [BMCT] Section reviews applications addressing the mechanisms of action of anti-neoplastic agents, including drug effects on tumor cell growth, death, and differentiation. Studies analyzing the mechanisms of resistance to anti-neoplastic agents and the circumvention of resistance to cancer drugs are also included.

OTC - *CBSS* **Cancer Biomarkers - CBSS**

Descrizione 2° livello NIH-CSR:

The Cancer Biomarkers Section reviews applications addressing the discovery, development, and validation of biomarkers for diagnosing cancer, monitoring its progression, assessing patient prognosis, and assessing response to treatment through the measuring disease burden, measurement of minimal residual disease, and detection of tumor recurrence.

OTC - *CDP* **Chemo/Dietary Prevention - CDP**

Descrizione 2° livello NIH-CSR:

The Chemo/Dietary Prevention (CDP) Section reviews applications that address nutrition, dietary and chemopreventive factors and their use in intervention for modulation of cancer risk, and inhibition of cancer progression. Emphasis is on basic mechanistic studies, preclinical and clinical (phase-I and phase-II) studies as well as discovery, evaluation, and validation of dietary factors.

OTC - *CII*

Cancer Immunopathology and Immunotherapy - CII

Descrizione 2° livello NIH-CSR:

The Cancer Immunopathology and Immunotherapy [CII] Section reviews applications addressing immunologic therapies of cancer and modulation of the innate and adaptive immune responses to cancer cells. This includes in vitro studies, the evaluation of immunotherapeutic strategies in preclinical models, and translational studies leading to pilot and/or phase I clinical trials.

OTC - *CONC*

Clinical Oncology - CONC

Descrizione 2° livello NIH-CSR:

The Clinical Oncology Section reviews applications in the areas of clinical patient-oriented research and clinical therapeutic trials. This includes clinical trials with therapeutic intent using drugs, radiation, surgery, and/or biological agents.

OTC - *DMP*

Drug Discovery and Molecular Pharmacology - DMP

Descrizione 2° livello NIH-CSR:

The Drug Discovery and Molecular Pharmacology [DMP] Section reviews applications concerned with discovery, design, identification, isolation, development and synthesis of novel agents that are potentially useful in cancer therapy. Emphasis is on identification of antineoplastic agents and validation with novel preclinical models for anticancer drug evaluation.

OTC - *DT*

Developmental Therapeutics - DT

Descrizione 2° livello NIH-CSR:

The Developmental Therapeutics [DT] Section reviews applications addressing the experimental therapy of neoplastic diseases in in vitro systems and in vivo model systems, including some early-stage, pilot clinical trials. The major emphasis of this Section is on the rational development of novel therapeutic strategies that have a significant potential for early translation to the clinic.

OTC - *RTB*

Radiation Therapeutics and Biology - RTB

Descrizione 2° livello NIH-CSR:

The Radiation Therapeutics and Biology [RTB] Section reviews applications on therapeutic interactions of ionizing radiation, radionuclides, electromagnetic radiation, and heat at the molecular, cellular, organ and patient levels. This ranges from basic studies of DNA damage responses and DNA repair to preclinical applications in which dose, dose rate, type The Radiation Therapeutics and Biology [RTB] Section reviews applications on therapeutic interactions of ionizing radiation, radionuclides, electromagnetic radiation, and heat at the molecular, cellular, organ and patient levels. This ranges from basic studies of DNA damage responses and DNA repair to preclinical applications in which dose, dose rate, type of radiation, and quality of radiation are variables.

OTC - *SETA*

Oncology 2 - Translational Clinical Small Business [SBIR/STTR] Radiation Therapy and Biology -SETA]

Descrizione 2° livello NIH-CSR:

The Oncology 2 – Translational Clinical Small Business Activities SETA section review small business applications including Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] grant applications concerned with basic, preclinical, and clinical studies in the oncological sciences.

PSE *PSE - Population Sciences and Epidemiology*

Descrizione 1° livello NIH-CSR:

The Population Sciences and Epidemiology [PSE] Group reviews crosscutting research relating to: the distribution of health conditions in human populations in relation to time, place, environmental exposures, personal characteristics or behaviors and the broader sociodemographic contexts in which health and health-related behaviors are embedded; the determinants of the etiologic pathways to diseases, using the full range of epidemiologic inquiry, including neuroimaging, molecular, genetic, laboratory, demographic, observational or clinical measures within the context of an epidemiologic or demographic study design; prevention trials in all settings; transmission of disease; laboratory-based research when the primary thrust is epidemiologic and laboratory data are to be collected by methods that largely already developed; and development and improvement of research designs and methodologies addressing epidemiologic and demographic questions in public health and clinical medicine. The intent is to cluster epidemiologic and demographic applications for review.

PSE - *BGES* Behavioral Genetics and Epidemiology - BGES

Descrizione 2° livello NIH-CSR:

The Behavioral Genetics and Epidemiology [BGES] Section reviews applications on behavioral genetics and heritability studies, and behavioral epidemiologic studies. Emphasis is on the origins, multiple etiologies, natural histories, and consequences of a wide range of behaviors, psychiatric disorders, diseases, normal functioning, public health concerns, physical, mental, and substance abuse problems and the aging process as they vary across individuals, families, generation, age, sex, and populations with different predisposing or protective factors and co-morbid conditions.

PSE - *CASE* Cardiovascular and Sleep Epidemiology - CASE

Descrizione 2° livello NIH-CSR:

The Cardiovascular and Sleep Epidemiology (CASE) Section reviews applications on epidemiologic research in cardiovascular and sleep conditions.

PSE - *EPIC* Epidemiology of Cancer - EPIC

Descrizione 2° livello NIH-CSR:

The Epidemiology of Cancer [EPIC] Section reviews applications on epidemiologic studies in the areas of cancer

PSE - *IRAP*

Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions - IRAP

Descrizione 2° livello NIH-CSR:

The Infectious, Reproductive, Asthma and Pulmonary Conditions (IRAP) Section reviews applications concerned with the epidemiology of infectious diseases, including vaccine-preventable diseases and emerging infections; reproductive conditions across the life span among men, women and the fetus/neonate, including birth defects and diseases of early childhood; asthma and allergy; and non-malignant pulmonary conditions. Emphasis is on the etiology of these conditions, using the methods of molecular epidemiology, clinical epidemiology, genetic epidemiology, field studies and biostatistics.

PSE - *KNOD*

Kidney, Nutrition, Obesity and Diabetes - KNOD

Descrizione 2° livello NIH-CSR:

The Kidney, Nutrition, Obesity and Diabetes [KNOD] Section reviews applications concerned with descriptive and analytic epidemiology as well as genetics of kidney disease, obesity, diabetes, gastro-intestinal conditions, environmental and nutritional influences on health outcomes.

PSE - *NAME*

Neurological, Aging and Musculoskeletal Epidemiology - NAME

Descrizione 2° livello NIH-CSR:

The Neurological, Aging and Musculoskeletal Epidemiology [NAME] Section reviews applications on epidemiologic research in neurological disorders (including Alzheimer's disease, dementias, stroke, Parkinson's disease, epilepsy, and neurodevelopment), conditions related to human aging (including falls and fractures, functional status, frailty, quality of life, health care use, healthy aging and longevity), and musculoskeletal conditions (including arthritis, osteoarthritis, inflammatory arthritis, osteoporosis, and bone development in children, and musculoskeletal injury).

PSE - *SSPS*

Social Sciences and Population Studies - SSPS

Descrizione 2° livello NIH-CSR:

The Social Sciences and Population Studies [SSPS] Section reviews applications related to population processes, composition and distribution, their antecedents and consequences, and their inter-relationships with social, cultural, economic, behavioral, developmental and biomedical factors and processes. This includes studies of migration, mortality and health, residential distribution, reproduction, sexual health, population aging, labor force and retirement, household and family structure, intergenerational relations, and biodemography in the U.S. and other countries.

PSE - *ZRSS*

Social Sciences and Population Studies - ZRSS

Descrizione 2° livello NIH-CSR:

The Social Sciences and Population Studies ZRSS section reviews (no other area) applications that would otherwise be reviewed by Social Sciences and Population Studies (SSPS) Section. Accordingly, it reviews applications related to population processes, composition and distribution, their antecedents and consequences, and their inter-relationships with social, cultural, economic, behavioral, developmental and biomedical factors and processes. This includes studies of migration, mortality and health, residential distribution, reproduction, sexual health, population aging, labor force and retirement, household and family structure, intergenerational relations, and biodemography.

RPHB *RPHB - Risk, Prevention and Health Behavior*

Descrizione 1° livello NIH-CSR:

The Risk, Prevention and Health Behavior [RPHB] Group considers applications covering a wide range of biological, psychological, cultural and social conditions and traits that affect the manifestation, prevention, treatment or management of physical and mental diseases and disorders. Emphasis may be placed on individual behavior, interpersonal relations, or group contexts. Populations studied may include clinic, community-diagnosed, symptomatic and high-risk groups, and research may be concentrated on specific age groups or address questions of change or transition across the life course. Interventions may be purely behavioral, or may involve non-behavioral elements such as pharmacological treatments and devices. Specific areas of interest include (but are not limited to): cognitive and affective processes and markers of disease and illness, gene-environment interactions as they affect individual behavior; behavioral and pharmacologic interventions; risk and protective processes and models, intra- and interpersonal interventions; social development and interpersonal processes, aggressive behavior and violence, and prevention and intervention methodology; intervention and risk factor modification studies, interactions between social and psychological processes and disease management; psychological and biobehavioral responses to disease screening and management; rehabilitation of conditions associated with psychological, physical, communicative, and social disability; and social, cognitive, and affective conditions and processes that influence disease and disorder across the lifespan.

RPHB - *BMIO* **Behavioral Medicine: Interventions and Outcomes - BMIO**

Descrizione 2° livello NIH-CSR:

The Behavioral Medicine: Interventions and Outcomes Section reviews behavioral and biobehavioral approaches to treatment, management, adaptation, and rehabilitation related to physical or cognitive impairment; study of sequelae of diseases or disorders; and biobehavioral aspects of pain, affect, stress, social support and symptom perception. Included are applications focused on interactions between experiential, behavioral, social, psychological, and physiological factors

RPHB - *F11* **Psychosocial and Developmental Processes, Personality, and Behavior Fellowship - F11**

Descrizione 2° livello NIH-CSR:

The F11 Section reviews fellowship applications in the areas of social, developmental, and personality psychology, medical sociology and anthropology, and in the areas of behavioral medicine and addictions science. Study populations may include children, adolescents, and adults at any stage of the life course. Emphasis may be placed on individual differences, interpersonal processes, life course transitions, or contextual effects as they influence the prevention, etiology, or treatment of mental and physical disorders. Also included is research aimed to identify psychosocial and biological antecedents and risk pathways for the onset, development and progression of addictive behaviors across the lifespan

RPHB - *PDRP*

Psychosocial Development, Risk, and Prevention - PDRP

Descrizione 2° livello NIH-CSR:

The Psychosocial Development, Risk, and Prevention [PDRP] Section reviews applications that focus on the development of psychopathology and problem behaviors, the identification of risk and protective factors and processes, and the design and testing of intra- and –inter personal interventions related to social development across the life span. Applications on risk and protective factors and preventive interventions may be focused on outcomes and comorbid conditions related to the broader understanding of developmental psychopathology as well as optimal development

RPHB - *PRDP*

Psychosocial Risk and Disease Prevention - PRDP

Descrizione 2° livello NIH-CSR:

The Psychosocial Risk and Disease Prevention (PRDP) Section reviews applications to develop and/or test behavioral interventions to prevent or reduce risk for morbid physical conditions or disease states, particularly chronic conditions in which behavior plays a major role in etiology and progression. Research may include psychosocial, pharmacological, or biological variables but the predominant intervention component should be behavioral. Research participants may be comorbid for psychological conditions (e.g., depression)

RPHB - *RPIA*

Risk, Prevention and Intervention for Addictions - RPIA

Descrizione 2° livello NIH-CSR:

The Risk, Prevention and Intervention for Addictions Section reviews applications for qualitative and quantitative research in humans on psychosocial and biological antecedents and risk pathways for the onset, development and progression of addictive behaviors across the lifespan as well as research leading to the development and testing of interventions to prevent the onset of addictive and related problem behaviors, or to prevent the progression of use to abuse. RPIA also reviews research to develop, modify, adapt, pilot, or test therapeutic interventions (and related clinical training procedures) aimed at curtailing the progression of drug abuse to addiction, preventing relapse, and treating substance abuse and dependence. Domains of risk include biological, genetic, psychological, behavioral, cognitive, interpersonal, and environmental factors. RPIA reviews prevention and treatment interventions tested under controlled (efficacy) and real world (effectiveness) situations

RPHB - *SPIP*

Social Psychology, Personality and Interpersonal Processes - SPIP

Descrizione 2° livello NIH-CSR:

The Social Psychology, Personality and Interpersonal Processes Section reviews applications for research on fundamental psychological and social conditions and processes, including personality, emotions, motivation, social identities and roles, social cognition, attitudes and attitude change, individual differences, aging and the life course, and small group dynamics and their relation to mental and physical health

RPHB - *TPM1*

SBIR/STTR: Risk Prevention and Health Behavior across the Lifespan - TPM1

Descrizione 2° livello NIH-CSR:

SBIR/STTR applications reviewed by the TPM1 sectioncover a wide range of social, behavioral, and technological interventions designed to reduce the risk of illness and disease, improve their treatment and management, and mitigate harmful consequences of symptoms and treatments

SBIB *SBIB - Surgical Sciences, Biomedical Imaging, and*

Descrizione 1° livello NIH-CSR:

The Surgical Sciences, Biomedical Imaging, and Bioengineering [SBIB] Group will review applications for research grants that address topics in a variety of areas at the interface between a physical science or engineering and biomedical or clinical research. Major areas include: (1) Development of molecular probes and contrast agents; development of molecular imaging techniques; and basic, applied, and pre-clinical aspects of the design and development of medical imaging systems (including hardware, software and mathematical methods of image analysis) for studying organs or whole animals (including humans). (2) Application of computational sciences to knowledge and information in bio and clinical medicine, healthcare and their integration. (3) Development of: biomedical sensing and measurement instrumentation; diagnostic instrumentation creating knowledge to enhance organ system function and recovery; innovative biologics, materials, processes, implants, devices; and informatics approaches to prevent, diagnose, and treat disease. (4) Surgery and anesthesiology; host response to sepsis and injury; surgical and microsurgical therapies; surgical critical care and emergency medicine; treatment of trauma; multi-organ responses to surgery.

SBIB - *BMIT* Biomedical Imaging Technology - BMIT

Descrizione 2° livello NIH-CSR:

The Biomedical Imaging Technology [BMIT] Scientific Review Group reviews grant applications involving basic, applied, and pre-clinical aspects of the design and development of medical imaging system technologies, their components, software, and mathematical methods for studies at the cellular, organ, small or large animal, and human scale. Emphasis is on the technology development but extends to the science of image formation, analysis, evaluation and validation, including image perception, and integration of imaging technologies.

SBIB - *BTSS* Bioengineering, Technology, and Surgical Sciences - BTSS

Descrizione 2° livello NIH-CSR:

The Bioengineering, Technology, and Surgical Sciences (BTSS) Section reviews grant
applications in the interdisciplinary fields of surgery and bioengineering to develop innovative medical instruments, materials, processes, implants, and devices to diagnosis and treat disease and injury. Within BTSS there is a balance between basic, translational, and clinical research and application and development of emerging cross-cutting technologies relevant to the cardiac system.

SBIB - *CMIP*

Clinical Molecular Imaging and Probe Development - CMIP

Descrizione 2° livello NIH-CSR:

The CMIP Section reviews the development, synthesis, selection, optimization, and validation of novel diagnostic, therapeutic pharmaceuticals or molecular signatures intended for use in translational and clinical imaging studies. The emphasis is on targeting, metabolism, effectiveness, toxicology, biodistribution, breakdown products and pathological findings for imaging cells, tissues, organs, or whole body in animals and humans. These studies often involve radiochemistry, pharmacokinetics, and pharmacodynamics

SBIB - *F15*

Bioengineering and Imaging Fellowship - F15

Descrizione 2° livello NIH-CSR:

The F15 Section reviews fellowship applications in clinically-oriented areas of imaging, surgery, bioengineering and computer/informatics. Basic, applied and pre-clinical aspects of the design and development of medical imaging systems, their components, software, and mathematical models, for studies at the organ, small or large animal, and human scale are included. Proposals involving the application and validation of in vivo animals in animals or humans, including early phase clinical studies of medical imaging systems, molecular probes and contrast agents, software, molecular imaging techniques and related technologies are also reviewed here. Surgical proposals involving trauma, anesthesiology, wound healing, sepsis and pain management are reviewed in SBIB, as well as proposals focused on the technology surrounding the surgical sciences. The focus of the computer/informatics area is on methods, techniques and software development primarily related to clinical problems.

SBIB - *MEDI*

Medical Imaging - MEDI

Descrizione 2° livello NIH-CSR:

The Medical Imaging [MEDI] Scientific Review Group reviews proposals involving the application and validation of in vivo imaging of humans and animals, including early phase clinical studies of medical imaging systems, molecular probes and contrast agents, software, molecular imaging techniques, and related technologies. The underlying technologies may be refined and optimized during testing in response to research questions or clinical needs.

SBIB - *SAT*

Surgery, Anesthesiology, and Trauma - SAT

Descrizione 2° livello NIH-CSR:

The Surgery, Anesthesiology, and Trauma (SAT) Section reviews applications in the disciplines of surgery, anesthesiology, and critical care. Sepsis and injury studies reviewed by SAT often address the host response to these complex insults such as trauma, disseminated infection, or surgical stress, with a general focus on systemic metabolic, hormonal, or immune responses to infection and multi-organ damage

The Surgery, Anesthesiology, and Trauma (SAT) Section reviews applications in the disciplines of surgery, anesthesiology, and critical care. Sepsis and injury studies reviewed by SAT often address the host response to these complex insults such as trauma, disseminated infection, or surgical stress, with a general focus on systemic metabolic, hormonal, or immune responses to infection and multi-organ damage

SBIB - *SBBS*

Small Business Biomedical Sensing, Measurement and Instrumentation - SBBS

Descrizione 2° livello NIH-CSR:

The Small Business Biomedical Sensing, Measurement and Instrumentation Scientific SBBS section reviews grant applications for the small businesses initiative programs (Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR]) involving biomedical sensing, measurement, and the development of diagnostic and therapeutic instrumentation. Research that focuses on the development of innovative sensors may range from fundamental physical, mechanical or chemical transduction through basic measurement principles to the design of novel instruments for clinical use

SBIB - *SBMI*

Small Business Biomedical Imaging - SBMI

Descrizione 2° livello NIH-CSR:

The Small Business Biomedical Imaging [SBMI] Scientific Review Group reviews Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR] grant applications involving basic, applied and pre-clinical aspects of the design and development of medical imaging systems, their components, software and mathematical methods, and related technologies. Also reviewed are proposals involving the application and validation of in vivo human and animal imaging, including early phase clinical aspects of medical imaging systems, agents, software and mathematical methods, or related technologies. During testing, the underlying technologies may be refined or optimized in response to research questions and clinical needs

SBIB - *SBNT*

Small Business Novel Technologies for In Vivo Imaging and Image - SBNT

Descrizione 2° livello NIH-CSR:

This SBNT section reviews applications dealing with the development and delivery of novel in vivo cancer-specific image acquisition or enhancement technologies and methods for biomedical imaging and image-guided interventions and therapy for cancer

SBIB - *SBTS*

Small Business Bioengineering, Surgical Sciences, and Technology - SBTS (SBIR/STTR)

Descrizione 2° livello NIH-CSR:

The Small Business Bioengineering, Surgical Sciences, and Technology Scientific SBNT section Group reviews grant applications for the small businesses initiative programs (Small Business Innovation Research [SBIR] and Small Business Technology Transfer [STTR]) involved in innovative research and technology development of biomedical devices and systems for treating human diseases. They involve integration of biomedical devices into living systems; or propose systematic, quantitative, and integrative approaches to thinking about and addressing problems important to physiology or clinical medicine.

These bioengineering and surgical science projects integrate physical, chemical, or mathematical sciences and engineering principles into the study of biology, medicine, behavior, and health. They develop innovative biologics, materials, processes, implants, and devices, for the prevention, diagnosis, or treatment of disease. Surgical sciences integrate the device and instrumentation applications into living systems. Studies involving minimally invasive surgery, microsurgery, computer-assisted surgery, and robotics are reviewed in this scientific review group. Pre-clinical studies and studies focused on applications of device/instrumentation are included.

SBIB - *SEED* **Electromagnetic Devices Special Emphasis Panel - SEED**

Descrizione 2° livello NIH-CSR:

The Electromagnetic Devices SEED section reviews applications on the development of algorithms, methods and instrumentation that use electromagnetic technology for imaging and therapeutic uses.
Scientific review groups of the SBIB Gropu, particularly those reviewing applications in surgery and biomedical imaging have shared interests with all the clinical Group

SBIB - *ZRCM* **Computational modeling and sciences for biomedical and clinical applications - ZRCM**

Descrizione 2° livello NIH-CSR:

The focus of the ZRCM section is on the development and application of computational modeling and computational sciences to biomedical and clinical problems. This includes methods and techniques from such disciplines as software and hardware engineering, telemedicine, human-computer interaction, advanced computing architectures, and clinical database development, maintenance, and mining

VH *VH - Vascular and Hematology*

Descrizione 1° livello NIH-CSR:

The Vascular Biology and Hematology [VH] Group will consider research applications ranging from basic research through clinical studies focused on the circulatory system, both vascular and hematological components. The Vascular Biology study sections are organized around the themes of vascular hemodynamics and hypertension, neural and integrative systems physiology, inflammation and atherosclerosis, and vascular cell and molecular biology. Hematological study sections consider research applications comprising basic and clinical studies focused on normal and abnormal hematopoiesis, blood cells including red cells, granulocytes, monocytes, leukocytes and their diseases and mechanisms of hemostasis and thrombosis. .

VH - *AICS* **Atherosclerosis and Inflammation of the Cardiovascular System - AICS**

Descrizione 2° livello NIH-CSR:

The Atherosclerosis and Inflammation of the Cardiovascular System (AICS) Section reviews applications concerned with inflammation of the vascular system with a focus on atherosclerosis, a chronic inflammatory disease. Effects of major risk factors such as diabetes, aging, and smoking on the vasculature are of interest. This Section will review applications on the pathobiology of the blood vessels leading to atherogenesis, its reversal and prevention. A major contributor to atherogenesis is hyperlipidemia, involving transport and metabolism of cholesterol, lipoproteins and their oxidation derivatives

VH - *ELB* **Erythrocyte and Leukocyte Biology - ELB**

Descrizione 2° livello NIH-CSR:

The Erythrocyte and Leukocyte Biology [ELB] Section reviews applications concerned with both basic and applied aspects of the blood system, Emphasis is on hemoglobinopathies, thalassemias; iron and heme metabolism; erythrocyte and granulocyte/monocyte biology, transfusion medicine, and disorders and parasitic infections that involve the formed blood elements

VH - *HM* **Hypertension and Microcirculation - HM**

Descrizione 2° livello NIH-CSR:

The Hypertension and Microcirculation [HM] Section reviews applications involving basic and applied aspects of cardiovascular regulation with focus on the physiology of blood pressure regulation, the pathogenesis of hypertension and the microcirculation. It includes studies on cell surface receptors and signaling processes of various hormones, paracrine, and autocrine and their mechanisms of action as related to hypertension, neural-humoral control of circulation, regional hemodynamics, lymphatic circulation, and microcirculation

VH - *HP* **Hematopoiesis - HP**

Descrizione 2° livello NIH-CSR:

The Hematopoiesis [HP] Section reviews applications involving both basic and applied aspects of normal and abnormal hematopoiesis, including stem cell biology, hematopoietic growth factors and their receptors, leukemias and leukemogenesis, bone marrow failure syndromes, myeloproliferative syndromes, stem cell transplantation, and hematopoietic cell gene therapy.

VH - *HT* **Hemostasis and Thrombosis - HT**

Descrizione 2° livello NIH-CSR:

The Hemostasis and Thrombosis [HT] Section reviews applications involving basic and applied aspects of the blood and vascular elements associated with hemostasis, thrombosis, and interactions with vasculature. Studies using cellular, biochemical, biophysical, immunological, genetic, pharmacological and molecular biological approaches to define normal and pathological processes are reviewed

VH - *SBHE* **Hematology Small Business Activities - SBIR/STTR - SBHE**

Descrizione 2° livello NIH-CSR:

The SBHE section reviews Small Business Innovation Research (SBIR) and the Small Business Technology Transfer Research (STTR) grant applications concerned with basic research through clinical studies of hematology

VH - *SECH* **Clinical Hematology Special Emphasis Pane -SECHl**

Descrizione 2° livello NIH-CSR:

The Clinical Hematology Special Emphasis Panel [SECH] reviews applications proposing single-site clinical studies related to inherited blood disease (including gene therapy or genetics), or relating to red blood cell/monocyte/leukocyte biology, hematopoiesis, hemostasis and thrombosis, or inflammation. Multi-center clinical trials are not appropriate for this panel

VH - *SEVB* **Vascular Biology Special Emphasis Panel - SEVB**

Descrizione 2° livello NIH-CSR:

The Vascular Biology Special Emphasis Panel (SEVB) reviews (no other area) applications that would otherwise be reviewed by either the Vascular Cell and Molecular Biology (VCMB) or Atherosclerosis and Inflammation of the Cardiovascular System (AICS) Sections. Accordingly, it reviews applications involving the cell and molecular biology of blood vessels from major arteries to the microcirculation as well as those related to inflammation of the vascular system including atherosclerosis, diabetes, transplantation, aging, lipoproteins, autoimmunity and infection.

VH - *VCMB*

Vascular Cell and Molecular Biology - VCMB

Descrizione 2° livello NIH-CSR:

The Vascular Cell and Molecular Biology [VCMB] Section reviews applications involving the cell and molecular biology of blood vessels ranging from major arteries to the microcirculation. Studies using cellular, biochemical, biophysical, immunological, genetic, pharmacological, and molecular biological approaches to define vascular homeostasis and dysfunction are reviewed. A principal focus is on the biology of the endothelium, vascular smooth muscle cell, as well as adventitial cells and pericytes

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Acharya	Samir
Adams	Erin
Adams	Sean
Adkins	Ronald
Agah	Azin
Agarwal	Pratul
Agoulnik	Irina
Ahlfors	Seppo
Albanese	Christopher
Ali	Syed
Aliberti	Julio
Alonzo	Angelo
Altemeier	William
Andreassen	Paul
Anumonwo	Justus
Aouadi	Samir
Armand	Mehran
Avison	Malcolm
Avram	Dorina
Badgaiyan	Rajendra
Bahassi	El
Bairey	Merz
Balasubramaniam	Vivek
Banik	Ratan
Bao	Shaowen
Bardeesy	Nabeel
Barker	Thomas
Barral	Jose
Barton	Beverly
Basu	Sujit
Bates-Jensen	Barbara
Batrakova	Elena
Baudry	Michel
Beck	George
Bencharit	Sompop
Bennet	Robert
Bennett	David
Berkelman	Peter
Berry	Diane
Bisley	James
Biswas	Indranil
Blanpied	Thomas
Blaxall	Burns
Block	Karen
Boder	Eric
Boehning	Darren
Boison	Detlev
Booz	George
Borza	Dorin-Bogdan
Bose	Santanu
Bowden	Donald

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Bowen	Mark
Box	Neil
Brankov	Jovan
Brigande	John
Briken	Volker
Britton	Fiona
Brock	Robert
Bryce	Paul
Buffalo	Elizabeth
Bulger	Michael
Burris	Thomas
Cai	Lu
Cai	Shouwei
Callahan	Leigh
Cameron	Caroline
Campen	Mattew
Cao	Ou
Cao	Wei
Cao	Wenhong
Cao	Deliang
Capanu	Marinela
Carmody	Dennis
Carnethon	Mercedes
Carpino	Nicholas
Carrino	Jhon
Carroll	Joseph
Carter	Bing
Cavacini	Lisa
Cha	Seunghee
Chandra	Joya
Chang	Chih-Hung
Chang	Yen
Chao	Wei
Chaudhary	Jaideep
Chen	Shao-Yu
Chen	Zhe
Chen	Yin
Chen	Yan-Hua
Chen	Xiaoli
Chen	Jiu - Chiuan
Chen	Jianjun
Chen	Guangping
Chen	Fei
Chen	Ceshi
Chen	Xin
Chen	Min
Chetkovich	Dane
Chi	Hongbo
Choi	Sang
Choi	Inyeong
Chorev	Michael

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Chou	Kai-ming
Choudhury	Amit
Christou	Demetra
Chu	Hong
Clark	Heather
Clark	Geoffrey
Collins	James
Combelles	Catherine
Commons	Kathryn
Cong	Yingzi
Conover	Joanne
Conti	Bruno
Cooper	Donald
Corey	Eva
Couch	Sarah
Counts	Scott
Cram	Erin
Crane	Heidi
Crina	Nimigean
Cui	zhengrong
Curra	Francesco
Dakhama	Azzeddine
Dammai	Vincent
Damodaran	Chendil
Davidson	Alan
Davies	Kelvin
Davis	Michael
Demirci	Utkan
Deng	Wenbin
Deora	Rajendar
Desai	Shyamal
Dhananjay	Vaidya
Dharmakumar	Rohan
Dhawan	Punita
Ding	Qiang
Dixit	Vishwa
Dobs	Adrian
Doria	Alessandro
Dragatsis	Ioannis
Duan	Dongsheng
Dube	Peter
Dziejman	Michelle
Ellingrod	Vicki Doth
Ellis	Ronald
Evans	Bronwynne
Fairweather	Delisa
Fan	Zhen
Feng	Qinghua
Ferguson	James
Ferland	Russell
Finck	Brian

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Finnegan	Lorna
Finol	Ender
Fishel	Melissa
Fitzpatrick	Elizabeth
Focht	Brian
Foty	Ramsey
Fox	Mary
Freedland	Stephen
Gaballa	Mohamed
Gamse	Joshua
Gangula	Pandu
Gao	Guimin
Gao	Xiaohu
Gartel	Andrei
Gault	Judith
Gharavi	Ali
Ghobrial	Irene
Ghribi	Othman
Gianaros	Peter
Gleason	Rudolph
Gletsu Miller	Nana
Godavarty	Anuradha
Goldstein	Aaron
Gozal	David
Graves	Edward
Grayson	Jason
Griesbach	Grace
Grippo	Angela
Gruber-Baldini	Ann
Gu	Jian
Gulledge	Allan
Guo	Grace
Gupte	Sachin
Hackam	Abigail
Hagenbuch	Bruno
Haider	Khawaja
Halfon	Marc
Hall	Jennifer
Halpern	Melissa
Han	Jiali
han	zhaozhong
Hanna	Kathleen
Harel	Noam
Harrison	Tracie
He	Jiang
He	Ka
He	Xuming
Heinen	Christopher
Hemmer	Philip
Hewett	James
Higginson	Jill

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Hofer	Heidi
Homeister	Jonathon
Howard	Matthew
Hsieh	Chyi
Hu	Xiao
Huang	Ying
Huang	Hao
Huang	Yunfei
Huang	Liquan
Huber	Jason
Huggins	Jane
Igoucheva	Olga
Indira	Poola
Izard	Jaques
Janssen	Edith
Johnson	Jacqueline
Jorge	Ricardo
Joseph	Jacob
Ju	Tongzhong
Kabarowski	Janusz
Kallapur	Suhas
Kam	Lance
Kanaoka	Yoshihide
Kang	Yibin
Kavdia	Mahendra
Keat	Ong
Keele	Norman
Keller	Charles
Kilic	Fusun
Kim	Minsoo
kim	Haesun
Kishore	Raj
KLUESS	HEIDI
Kohles	Sean
Kokkotou	Efi
Kourakine	Alexei
Kovtun	Irina
Ku	Hsun
Kulik	George
Kumar	Lalit
Lacorazza	Daniel
Lai	Jin-Shei
Lakshmana	Madepalli
Lansford	Jennifer
Lazartigues	Erik
Lee	James
Lee	Hyoung-gon
Lehmann	Michael
Lei	Zhenmin
Lelievre	Sophie
Lequn	Li

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Lewis	Michael
Li	Jianrong
Li	Kui
Li	Long-Cheng
Li	Wei
Li	Xiang-an
Li	Yong
Li	Yonghe
Liang	Gangning
Limesand	Sean
Lin	Zhicheng
Lin	Shiaw-Yin
Liu	Kebin
Logan	Susan
Lopez-Ilasaca	Marco
Lu	Hang
Madigan	Elizabeth
Maly	Dustin
Mapara	Markus
Martin	Brian
Martin	Kathleen
Martire	Lynn
Matsui	William
Matsuyama	Shigemi
Mccarthy	Joseph
Mcconnell	Bradley
Mccrae	Christina
Mcdevitt	Todd
Meller	Robert
Merrell	Douglas Scott
Meuret	Alicia
MichniakI-Kohn	Bozena
Miller	paul
Mio	Washington
Miura	Hiroto
Mohan	Royce
Moonsoo	Jim
Morrison	Alanna
Muise-Helmericks	Robin
Mummert	Mark
Murata	Yoshihico
Murtaugh	Lewis
Murthy	Sathyanara Yana
Nauli	Surya
Nefedova	Julia
Nesmith	Elizabeth
Nettikadan	Saju
Neubert	John
Newhauser	Wayne
Nicklas	Barbara
Nie	Daotai

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Niewiesk	Stefan
Nikiforov	Mikhail
O'Connor	Kristian
Olson	Adelaide
Onel	Kenan
Paladini	Carlos
Palaniappan	Ravi
Palmer	Kenneth
Panyam	Jayanth
Parameswaran	Narayanan
Parikh	Samir
Pavlov	Youri
Peng	Ji-Bin
Pertsemlidis	Alexander
Peterson	Zoe
Piacentini	Jhon
Pikov	Victor
Pletnikov	Mikhail
Plotkin	Lilian
Potegal	Michael
Prinz	Astrid
Pyle	April
Qayyum	Aliya
Qi	Xiaoyang
Qian	Feng
Quan	Taihao
Ramamurthy	Visvanathan
Ramchandran	Ramani
Rathmell	Wendy
Razzaque	Mohammed
Reiter	Lawrence
Rennie	Katherine
Riekert	Kristin
Rivella	Stefano
Rizzo	Mark
Robertson	Danielle
Robinson	Shenandoah
Samuel	Isaac
Sanford	Jeremy
Sarac	Radmila
Sathyamangla	Prasad
Sawaki	Lumy
Schell	Lawrence
Schmidt	Marion
Schmidt-Krey	Ingeborg
Schuessler	Richard
Schultz	Bruce
Self	William
Shadel	William
Shao	Rong
Shaw	Benjamin

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Sheen	Volney
Shi	Honglian
Shields	Cleveland
Shone	Laura
Singh	Ram
Sinha	Debasish
Sparagna	Genevieve
Srinivasan	Sundar
Stein	Catherine
Stephen	Julia
Stiles	Bangyan
Stites	Wesley
Strug	Lisa
Su	Gloria
Subbiah	Elankumaran
Sundberg	Eric
Szaflarsky	Magdalena
Tantin	Dean
Tao	Ya-Xiong
Teixeira	Jose
Toland	Amanda
Tolar	Jakub
Tolias	Andreas Tolias
Tu	Yaping
Tzanakakis	Emmanouhl
Uversky	Vladimir
Vancurova	Ivana
Veliskova	Jana
Volin	Michael
Volpe	Stella
Wall	Jeffrey
Wang	Liang
Wang	Shuishu
Wang	Yuanjia
Wang	Ziman
Watnick	Randolph
Weitzmann	Mervyn
Wen	Xuejun
Wessely	Oliver
Whang	Young
Whitfield	Michael
Williams	Bart
Wilson	Donald
Winawer	Melodie
Woods	Jason
Wu	Baolin
Xiao	Guozhi
Xie	Zhongcong
Xu	Bin
Xu	Zhice
Yamamoto	Ai

Referee NIH-CSR Giovani Ricercatori 2008	
COGNOME	**NOME**
Yang	Shaohua
Yaragudri	Vinod
Yip	Tiffany
Yoder	Bradley
Yu	Eugene
Yu	Xiaochun
Yu- Tsueng	Liu
Zahn	Jeffrey
Zhang	Dekai
Zhang	Li
Zhao	Yongliang
Zhao-Quing	Luo
Zheng	Jie
Zhou	Xianjin
Zhu	Jun
Zunino	Susan

Ministero del Lavoro, della Salute

e delle Politiche Sociali

DIPARTIMENTO INNOVAZIONE

DIREZIONE GENERALE DELLA RICERCA SCIENTIFICA E TECNOLOGICA

IL MINISTRO

VISTO l'articolo 12 del Decreto legislativo 30 dicembre 1992, n 502 e s.m.i., che disciplina lo svolgimento delle attività di ricerca corrente e finalizzata in ambito sanitario e individua i soggetti che possono concorrere alla realizzazione dei relativi progetti di ricerca;

VISTO l'articolo 1, comma 814, della legge 27 dicembre 2006, n. 296 (legge finanziaria 2007), che destina una quota non inferiore al cinque per cento per il. finanziamento delle attività di ricerca. corrente e finalizzata, di cui al predetto articolo 12 del decreto legislativo n. 502/1992, a progetti di ricerca sanitaria presentati da ricercatori di età inferiore ai quaranta anni;

VISTO il D.L. 16 maggio 2008, n. 85 in materia di adeguamento delle strutture di Governo con il quale è istituito il Ministero del Lavoro, della Salute e delle Politiche Sociali in sostituzione del Ministero della Salute con le medesime funzioni e competenze;

VISTO il proprio decreto in data 20 maggio 2009, con il quale al Vice Ministro Prof. Ferruccio Fazio sono state delegate le competenze afferenti le materie attinenti, tra l'altro, la ricerca scientifica, incluse le nomine di componenti di organi collegiali costituiti nell'ambito dell'amministrazione;

VISTO il decreto del Presidente della Repubblica in data 21 maggio 2009, col quale al Sottosegretario di Stato, Prof. Ferruccio Fazio, è stato attribuito il titolo di Vice Ministro;

VISTO l'art. 2 comma 316 della Legge 24 dicembre 2007, n. 244 concernente disposizioni per la formazione del bilancio annuale pluriennale dello Stato (Legge Finanziaria 2008), che destina una quota non inferiore al dieci per cento per il. finanziamento delle attività di ricerca. corrente e finalizzata, di cui al predetto articolo 12 del decreto legislativo n. 502/1992, a progetti di ricerca sanitaria presentati da ricercatori di età inferiore ai quaranta anni;

CONSIDERATO che il citato articolo l, comma 814, della legge n. 296/2006 demanda l'attuazione della stessa disposizione ad apposito decreto del Presidente del Consiglio dei Ministri di concerto con il Ministro del Lavoro, della Salute e delle Politiche Sociali e il Ministro dell'Istruzione dell'Università e della Ricerca;

VISTI i commi 1 e 2 dell'art. 5 del DPCM del 27 luglio 2007 registrato alla Corte dei Conti il 5 settembre 2007, registro 9 nove, foglio 273, in cui si individua la composizione del Comitato di valutazione dei progetti presentati dai giovani ricercatori e il comma 3 del medesimo articolo in cui si prevede la nomina. del Presidente di detto Comitato da parte del Ministro del Lavoro, della salute e delle Politiche Sociali;

VISTO l' art 5 del sopracitato DPCM del 27 luglio 2007 in cui si prevede, al comma 4, la possibilità da parte del Comitato di avvalersi di esperti esterni, ed al comma 5, la prevalenza del voto del Presidente in caso di parità in sede di decisione finale all'esito del processo di valutazione;

VISTO l'art 5, comma 6, del DPCM 27 luglio 2007 in cui sono disciplinati eventuali conflitti d'interesse da parte di membri del Comitato e i presentatori dei progetti da valutare;

VISTA la nota del Ministero dell'Istruzione, dell'Università e della Ricerca del 13 luglio 2009, che designa i rappresentanti del medesimo Ministero in seno al predetto Comitato di Valutazione;

RITENUTO di dover procedere alla corresponsione di un compenso ai membri del Comitato incaricati delle procedure di valutazione dei progetti di ricerca sulla scorta del lavoro derivante dall'incarico,in applicazione dell'art. 5 della Legge 22 Novembre 2002, n 268 e dall'art. 2, comma 2, del successivo decreto interministeriale del Ministro dell'Istruzione, dell'Università e della Ricerca di concerto con il Ministro dell'Economia e delle Finanze del 9 aprile 2003;

RITENUTO che la Dott.ssa MARTINELLI Paola, è in possesso dei requisiti per presiedere il menzionato Comitato;

DECRETA

Art. 1
(Composizione Comitato di Valutazione)

Il Comitato di valutazione di cui alle premesse è cosi composto e la sua durata è correlata ai lavori di definizione dei progetti e dei relativi finanziamenti:

N	Nome e Cognome del Ricercatore	Nazionalità e cittadinanza	Istituzione presso cui il Ricercatore svolge l'attività
1	BOIANI MICHELE	Italiana	Max Planck Institute for Molecular Biomedicine (Germania) – **Designato MIUR**
2	BUSINO LUCA	Italiana	Department of Pathology and NYU Cancer Institute – New York University School of Medicine - New York (U.S.A.)
3	CLIFFORD GARY	Inglese	Infections and Cancer Epidemiology Group – International Agency for Research on Cancer, Lyon, France
4	DENCHI EROS LAZZERINI	Italiana	Department of Genetics – The Scripps Research Institute – La Jolla – California (U.S.A.)
5	GENTILE LUCA	Italiana	Max Planck Institute for Molecular Biomedicine (Germania) - **Designato MIUR**
6	HORNUNG VEIT	Tedesca	Klinische Pharmakologie – Ludwig Maximilian – Universitat Munchen (Germania)
7	MANDILLO SILVIA	Italiana	Behavioural Neuroscience Lab, Institute of Cell Biology National Research Council CNR-IBC – Monterotondo (Italia)
8	MARTINELLI PAOLA	Italiana	Grupo de Carcinogénesis Epitelial Centro Nacionale des Investigaciones Oncologicas – Madrid (Spagna)

9	STRUYF SOFIE	Belga	Laboratory of Molecular Immunology – Rega Institute for Medical Research – University of Leuven – Leuven (Belgio)
10	UGOLINI SOPHIE	Francese	Centre d'Immunologie de Marseille Luminy – Université de la Méditerranée, INSERM, CNRS. Campus de Luminy – Marseille (Francia)

Il Comitato è presieduto dalla dott.ssa Martinelli Paola, ricercatrice presso il Grupo de Carcinogénesis Epitelial Centro Nacionale des Investigaciones Oncologicas – Madrid (Spagna).

In sede di decisione finale all'esito del processo di valutazione, in caso di parità prevale il voto del Presidente.

Art. 2
(Procedure e incompatibilità)

1 - Il Comitato di valutazione, al fine del contenimento dei costi, potrà effettuare riunioni utilizzando le procedure di videoconferenza;

2 - Il Comitato di valutazione ai fini della valutazione dei progetti può avvalersi, nel caso non esistano le competenze necessarie all'interno del Comitato stesso, di esperti esterni nei limiti della compatibilità finanziaria prevista dal presente decreto;

3 - Gli appartenenti al Comitato di valutazione, nell'accettare l'incarico, si impegnano al rispetto di quanto previsto dal comma 6 dell'art 5 del DPCM 27 luglio 2007, citato in premessa, e in particolare ad astenersi dalle valutazioni dei progetti proposti da ricercatori con i quali sia in atto o sia stata svolta una documentata collaborazione scientifica.

Art. 3
(Spese di funzionamento)

Gli oneri derivanti dalla costituzione e il funzionamento del Comitato di valutazione sono valutati in euro 43.000,00 (quarantatremila) e si riferiscono al rimborso delle spese di viaggio e di soggiorno spettanti ai componenti del Comitato di valutazione nonché ai compensi indicati in premessa.

Tali oneri graveranno sulle disponibilità del capitolo di spesa n. 3125 piano gestionale 6 dello stato di previsione del Ministero del Lavoro, della Salute e delle Politiche Sociali per l'anno 2009.

Art. 4

Il presente decreto è trasmesso agli Organi di controllo per la relativa registrazione.

28 ottobre 2009

PER IL MINISTRO
ILVICEMINISTRO
(Prof. Ferruccio FAZIO)

Ministero della Salute

DIPARTIMENTO INNOVAZIONE
DIREZIONE GENERALE DELLA RICERCA SCIENTIFICA E TECNOLOGICA

IL MINISTRO

VISTA la Legge 13 novembre 2009, n. 172, con la quale è stato istituito il Ministero della Salute in sostituzione del Ministero del Lavoro, della Salute e delle Politiche Sociali con le medesime funzioni e competenze;

VISTO l'articolo 12 del Decreto legislativo 30 dicembre 1992, n 502 e s.m.i., che disciplina lo svolgimento delle attività di ricerca corrente e finalizzata in ambito sanitario e individua i soggetti che possono concorrere alla realizzazione dei relativi progetti di ricerca;

VISTO l'art. 1 comma 814 della legge 27 dicembre 2006 n. 296 (legge finanziaria 2007), come modificato dall'art. 2 comma 316 della legge 24 dicembre 2007 n. 244 (legge finanziaria 2008), che destina una quota non inferiore al 5 per cento relativamente al 2007 e al 10 per cento a partire dal 2008 ai progetti di ricerca sanitaria svolta da soggetti di cui all'art. 12 bis comma 6 del D. Lgs. 502/92, presentati da ricercatori di età inferiore ai quaranta anni;

VISTO il Decreto del Ministro del Lavoro, della Salute e delle Politiche Sociali del 28 ottobre 2009, registrato presso l'UCB del Ministero dell'Economia e delle Finanze con il n. 1.123 il 16 novembre 2009, con il quale si istituisce il Comitato di Valutazione, composto da 10 membri, ivi compresa la Dott.ssa Paola Martinelli, nominata contestualmente Presidente di detto consesso;

VISTO il DPR 15 dicembre 2009 con il quale il Prof. Ferruccio Fazio è nominato Ministro della Salute;

VISTE le comunicazioni pervenute via e-mail con le quali i Dottori Luca Busino, Veit Hornung, Gary Clifford, Sofie Struyf e Sophie Ugolini, quali componenti del suddetto Comitato di Valutazione, hanno rassegnato le dimissioni dall'incarico conferito con il sopra richiamato D.M. 28 ottobre 2009;

RITENUTO, pertanto, necessario procedere alla loro sostituzione con altri cinque giovani ricercatori aventi i prescritti requisiti;

CONSIDERATO che all'uopo, sono stati ritenuti idonei a ricoprire l'incarico di componente del Comitato di Valutazione il Dottor **Nicola BRUNETTI-PIERRI**, Assistant Professor, Department of

Pediatrics Federico II University of Naples & Assistent Investigator – Telethon Institute of Genetics and Medicine (TIGEM) Naples, Italy; la Dottoressa **Elena TOMASELLO** laboratory of NK cells and innate immunity Centre d'immonulogie INSER-CNRS de Marseille-Luminy**,** Marsiglia; il Dottor **Oscar FERNADEZ-CAPETILLO** CNIO Madrid, Spagna**;** il Dottor **Bruno SILVA SANTOS** Istituto de Medicina Molecular Faculdade de Medicina da Universidade de Lisboa; la Dott.ssa **An GORIS** Farmacologa Specialista aspetti genetici e biochimici SM – Katholieke Universiteit – Leuven, in sostituzione dei cinque componenti dimissionari;

DECRETA

Art. 1

Sono nominati componenti del Comitato di Valutazione, di cui al D.M. 28 ottobre 2009, in sostituzione dei componenti dimissionari di cui in premessa, il Dottor **Nicola BRUNETTI-PIERRI**, Assistant Professor, Department of Pediatrics Federico II University of Naples & Assistent Investigator – Telethon Institute of Genetics and Medicine (TIGEM) Naples, Italy; la Dottoressa **Elena TOMASELLO** laboratory of NK cells and innate immunity Centre d'immonulogie INSER-CNRS de Marseille-Luminy**, Marsiglia**; il Dottor **Oscar FERNADEZ-CAPETILLO** CNIO Madrid, Spagna**;** il Dottor **Bruno SILVA SANTOS** Istituto de Medicina Molecular Faculdade de Medicina da Universidade de Lisboa; la Dott.ssa **An GORIS** Farmacologa Specialista aspetti genetici e biochimici SM – Katholieke Universiteit – Leuven.

Art. 2

Gli oneri derivanti dalla costituzione e dalle spese di funzionamento come gia indicato nel decreto di costituzione - articolo 3, graveranno sul capitolo 3125 piano gestionale 6 dello stato di previsione del Ministero della Salute per l'anno 2010.

Art. 3

Il presente decreto è trasmesso agli organi di controllo per la relativa registrazione.

IL MINISTRO

Ministero della Salute

DIPARTIMENTO DELL'INNOVAZIONE

DIREZIONE GENERALE DELLA RICERCA SCIENTIFICA E TECNOLOGICA

EVALUATION COMMITTEE YOUNG RESEARCHERS GRANT 2008 (PEOPLE UNDER 40)

STUDY SESSION
(22/ 23 of february 2010)

On February 22, 2010, at 9,30 am, at the General Direction for Scientific and Technological Research of the Ministry of Health in Rome EUR, the Evaluation Committee for young researchers grant 2008 (people under 40) (law December 27, 2006 n. 296, Subparagraph 8145), meets in the composition as referred to D.M. October 28, 2009 and D.M. February 19, 2010.
Representing the Ministry of Health, the following officers attend:

- **Dr. Massimo Casciello,** General Director of Scientific and Technological Direction;
- **Dr. Bruno Campione,** fourth office director and secretary of National Committee for Health Research as guarantor of the control of organizational procedures;
- **Dr. Gaetano Guglielmi,** third office director and guarantor of the control of informatics and technical procedures;
- **Prof. Giovanni Lucignani,** member of National Committee for Health Research as observer and supervisor of the evaluation procedures for the same Committee;
- **Dr. Angela La Rosa** and **Dr. Stefania Borghi,** as Secretaries of the Committee.

The components of the Evaluation Committee are as follows:
BRUNETTI-PIERRI NICOLA
DENCHI EROS LAZZERINI
FERNANDEZ-CAPETILLO OSCAR
GENTILE LUCA
GORIS AN
MANDILLO SILVIA
MARTINELLI PAOLA
SILVA SANTOS BRUNO
TOMASELLO ELENA
absent: **BOIANI MICHELE**

Casciello thanks the Committee; he reminds the importance of this Grant for Italian Government. He briefly explains the resources and the maximum funding available per project. He assigns to Dr. Paola Martinelli the role of chairman, previously nominated by Ministerial Decree.
Guglielmi synthetically introduces the evaluation technical procedures, giving each Committee member the password to access to Ministerial Wi-Fi network. In this way each member of the Evaluation Committee can access to the Research WorkFlow to examine the projects.
The necessary usernames have already been sent by e-mail 15 days before the study session to all Committee members.

Lucignani details the procedures for assessment that the Committee for National Health Research adapted from those proposed by the NIH.

He strengthens his observer role and invites the committee to give suggestions and observations to improve current procedures for next evaluation committee of future National Health Research grant. All suggestions will faithfully be reported during the next meeting of the Committee for National Health Research.

Campione distributes to every member of the Committee an English version of the Grant call that also contains the rules in the case of conflict of interest.

He also provides a list of the assessed projects by NIH referees in order of increasing scores (from the best (the lowest) to the worst (the highest) with relative standard deviation of NIH scores given by the three referees).

Casciello greets the members and leaves the session.

Martinelli starts the discussion.

All Evaluation Committee members agree, after extensive discussion, to start by giving a third extensive evaluation to those projects that were evaluated only by two referees. However, the Committee decides to limit this evaluation process to those projects that, in the case of receiving the best possible score (i.e. =5) from the Committee itself, would be included in the top 100 rank list. Fourteen projects are identified based on these criteria (first fourteen projects included in Annex B) and each of them is assigned to two members of the Committee, based on their competence when possible. At the end of this first step, the new evaluation scores are discussed among all the Committee members. The third assessment is expressed both with a numerical score and with a more extensive comment.

After this first step, the Evaluation Committee decides to sort out those projects that had received at least two evaluations with a score under 10, and whose final average has a standard deviation higher than 10 (annex D). These projects are selected for further examination, as high standard deviation might possibly reveal a misunderstanding in attributing NIH scores during the peer-review process. Again, each selected project is assigned to a person, based on his/her competence whenever possible, and consistency between scores attributes and referee comments is checked. In addition to this, the whole ranked list is manually checked for those cases that were not included in annex D, but still have a very high standard deviation and at least one referee score under 10.

Also in this case, the Evaluation Committee decides that the results of the two groups will be discussed collegially at the end of the work.

During this last evaluation process, the Committee finds many projects where referees' comments and the corresponding scores are not consistent (e.g. very positive comments with scores of 9-10)

This discrepancy is interpreted by the Committee as the referee having misinterpreted the scoring system (9= best, 1= worst instead of 1 best – 9 worst).
These projects are evaluated individually according to the criteria indicated in the grant call.
In general, the evaluation Committee attempts to identify the reasons behind any major discrepancy among referees' scores.
The study session was adjourned at 18,00 to be resumed the next day.

The evaluation Committee work resumes at 9,30 a.m. on February 23, 2010.
The following officers attend

Dr. Bruno Campione

- **Dr. Gaetano Guglielmi**
- **Pr. Giovanni Lucignani**
- **Dr. Angela La Rosa**
- **Dr. Stefania Borghi**

The components of the Evaluation Committee are as follows:
DENCHI EROS LAZZERINI
FERNANDEZ-CAPETILLO OSCAR
GENTILE LUCA
GORIS AN
MANDILLO SILVIA
MARTINELLI PAOLA
SILVA SANTOS BRUNO
TOMASELLO ELENA

Absent: **BOIANI MICHELE**
BRUNETTI PIERRI NICOLA reaches the meeting at 13,30.

Martinelli starts the discussion. After extensive discussion the Evaluation Committee decides to evaluate the projects that are potentially eligible for funding. For this reason it states to review all the projects with the average score less than or equal to 10,5. Projects with score equal to or less than 10,5 at that moment are 80.

After taking an initial ranking of projects, the Evaluation Committee is divided into two groups identified by area of expertise, in order to reassess the adequacy of the assessments with the same scores.

The Evaluation Committee, after long and careful evaluation of individual projects included in the ranking among the top 80, identifies the requirement for some of them to revise the scores awarded by referees and explains the reasons for each change, as indicated in the Annex E.

The project number 9 in Table A is amended in the score of the third referee, from 0 to 5.

All the comments of the Evaluation Committee are reported in the Annex E.

At the conclusion of work the Evaluation Committee proposes the new list of projects eligible for funding in descending order (Annex F) to be submitted to the Committee for National Health Research.

Campione, in thanking the participants of active collaboration, closes the session ending at 17,30 on February 23, 2010.

Read, confirmed and signed.

	BRUNETTI-PIERRI NICOLA	_____
	DENCHI EROS LAZZERINI	_____
	FERNANDEZ-CAPETILLO OSCAR	_____
	GENTILE LUCA	_____
	GORIS AN	_____
	MANDILLO SILVIA	_____
	MARTINELLI PAOLA	_____

	SILVA SANTOS BRUNO	_____
	TOMASELLO ELENA	_____

Rome, February 23, 2010

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 1

GR-2008-1135117	**Role of lung cancer initiating cells in prognosis and chemoresistance**

The Committee has noticed that the evaluation by the third NIH-CSR Referee wasn't performed, so it has decided to perform the third score evaluation of this project, as follows.
The objective of this grant is to isolate and characterize TIC from primary non-small cell lung cancer samples. However, it solely relies on the CD133 marker, which might not be successful in isolating the desired population.
TOTAL SCORE 3 = 11

Comment n. 2

GR-2008-1139743	**Analysis of the pathogenetic mechanisms underlying lysosomal disorders using zebrafish biosensors**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't acceptable for the following reason:
One of the reviewers did not follow the scoring instructions. Converted score:
TOTAL SCORE 3 = 12

Comment n. 3

GR-2008-1145000	**Tumor suppressor targeting as a novel molecular therapy for cancer: the Bcr-Abl – Hausp – FoxO3a pathway in Chronic Myeloid Leukemia**

The Committee evaluated the comment of the referee 2?. Project is potentially relevant but it is too preliminary and not well thought-out.
CONFIRM REFEREE 2 SCORE 14,5.

Comment n. 4 :

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

GR-2008-1142731	**Chromogranin-A and its derived peptides as predictive markers of complex ventricular arrhythmias in patients with dilated cardiomyopathy**

The Committee evaluated the comment of the referees 1 and 3 and the related scores. It has decided that they weren't totally acceptable for the following reason:
This project aims to test whether Chromogranin-A and its derived peptides can be used as predictive markers of complex ventricular arrhythmias in patients with dilated cardiomyopathy.
TOTAL SCORE 1= 13 AND TOTAL SCORE 3= 13.

Comment n. 5

GR-2008-1136044	**Mannose Binding Lectin, a Potential New Target for Stroke Therapy: Biochemical, in Vitro and in Vivo Experimental and Clinical Approaches to Define its Role in Ischemic Injury.**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
This is an innovative application with clinical relevance. The approach includes both *in vivo* mouse models as well studies lacking on patients with MBL deficiency. The project is well-planned and involved adequate collaborations to achieve the proposed goals.
TOTAL SCORE 1= 8.5.

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 6 ,

GR-2008-1143092	**NATURAL PRODUCTS DURING PREGNANCY AND BREAST-FEEDING**

The Committee evaluated the comment of the referee 2?.
Only 2 reviews received, the average score places this grant out of the funding range. However, the grant was revaluated since the scores were highly discordant. The committee verified the project to check the correctness of the reviewers' comments. The committee agrees with the comments from the most negative referee, therefore this project is not in the funding range.
NO SCORE CHANGE

Comment n. 7

GR-2008-1144980	**Exploring the endocannabinoid system to face inflammatory neurodegeneration in Multiple Sclerosis**

The Committee has verified that the third evaluation isn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows

Area	score
Science Quality	1
Innovation	1
Methods	2
Translational	2
PI	1

The project is highly original, comprehensive and raises important unresolved issues on MS diagnosis and treatment strategies.
The methodology should be more detailed but the PI experience stands for quality.
Translational value is high considering the broad clinical and pre-clinical approach.
The PI CV is outstanding.
TOTAL SCORE 3 = 7

Comment n. 8

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

GR-2008-1134644	**Gamma irradiation of dried fruits: evaluation of biohazardous pollutants (pesticides and mycotoxins), of moulds and fungi reduction, and investigation on nutritional modifications**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Area	score
Science Quality	4
Innovation	5
Methods	1
Translational	1
PI	4

The project lacks strong rationale, the originality is moderate since similar techniques are already used. Methodology seems straightforward and the applicant has expertise in the field.
The translational potential is very high. The PI CV is not outstanding but her background is specific for this project.
Note: Our score differs from the two previous reviewers.
TOTAL SCORE 3 = 15

Comment n. 9

GR-2008-1144633	**Glucose Monitoring by Minimally Invasive Extraction of Dermal Intertitial Fluid Using Microneedles**

The Committee evaluated the comment of the referees and agrees with three reviewers even if high variability. Scores are consistent with reviewer's comments. The reviewer giving worst score (27,5) seems very knowledgeable (concerns with accuracy of measurements, lack of originality). Committee would keep the scores as they are.
NO SCORE CHANGE

Comment n. 10

GR-2008-1137690	**The power of economic policies in fighting the tobacco epidemic**

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:

Original referee score: 8 8.5 28

One of the reviewers gave a very high score claiming that the PI is a seasoned scientist, he considers expertise a limitation and not in the spirit of the award program. The project is considered original but not innovative. The Committee would give a total score of 15

Area	score
Science Quality	2
Innovation	4
Methods	3
Translational	5
PI	1

TOTAL SCORE 3 =15

Comment n. 11

GR-2008-1145270	**Study of cholesterol metabolism as biomarker in Huntington disease: new insights in the pathogenesis of neurodegeneration**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:

One of the reviewers did not follow (or misunderstood) the scoring instructions.

Converted scores:

TOTAL SCORE 2 = 8,5

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#
Comment n.12

GR-2008-1136418	**Role of Chromatin Remodeling in Germ Stem Cell Identity**

The Committee verify that the third evaluation isn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Criteria	**score**	**Reason**
Scientific quality and relevance of the research	2	Proteomics, ovarian cancer, membrane proteins: the proposed approach is quite relevant in respect to its field
Innovative content and originality of the project (in view of the current international literature)	2,5	the project is well established and fairly innovative, especially for the idea of looking at membrane proteins.
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	3	SILAC gives a lot of false positives, on top, the samples compared might result different because of intrinsic cues. Methodology is well described but the applicant seems to underestimate how challenging might be this project
Translational Potential and Clinical Relevance (strengths and weaknesses)	2	quite high, for both diagnostic screening and possible therapeutic medical treatment in the long term
Profile of the investigator (general details) and his/her scientific work	2	very good knowledge of protein methodology, fairly combined with recent cancer studies
TOTAL SCORE 3=	**11,5**	

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n.13

GR-2008-1143410	**Discovery Proteomic Analysis of Human Ovarian Cancer Stem Cells and Functional Validation of Targets**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Criteria	**score**	**Reason**
Scientific quality and relevance of the research	2	the relevance of this project is high as it aims to centralize the acquisition of information from the territory. Centralization makes easier to compare cases and find points in common.
Innovative content and originality of the project (in view of the current international literature)	1,5	we consider this project highly innovative
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	4	the methods are poorly explained and they are not mentioned intermediate goals and the checkpoints
Translational Potential and Clinical Relevance (strengths and weaknesses)	3	good potential. The achievement of the centralization of inputs at the hub level can easily provide a quicker clinical evaluation and therapy definition
Profile of the investigator (general details) and his/her scientific work	2	solid background in computer science
TOTAL SCORE 3=	**12,5**	

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n.14

GR-2008-1138195	**Rete Oncologica Pediatrica Regionale: Progetto di una Infrastruttura Tecnologica in Campania**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Criteria	**score**	**reason**
Scientific quality and relevance of the research	2	the relevance of this project is high as it aims to centralize the acquisition of information from the territory. Centralization makes easier to compare cases and find points in common.
Innovative content and originality of the project (in view of the current international literature)	1,5	we consider this project highly innovative
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	4	the methods are poorly explained and they are not mentioned intermediate goals and the checkpoints
Translational Potential and Clinical Relevance (strengths and weaknesses)	3	good potential. The achievement of the centralization of inputs at the hub level can easily provide a quicker clinical evaluation and therapy definition
Profile of the investigator (general details) and his/her scientific work	2	solid background in computer science
Total Score 3 =	**12,5**	

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n.15

GR-2008-1143284	**Identification of new gamma-glutamyl transpeptidase inhibitors and bacterial production of gamma-glutamyl compounds for the selective use in chemotherapy**

The Committee evaluated the comment of the referees 1 and 3 and the related score. It has decided that they weren't totally acceptable for the following reason: The project was correctly evaluated, but 2/3 referees gave scores based on a reverse ranking. The correct scores 3 should be 9.5 instead of 40.5 and score 1 will be19.5 instead of 30.5, accordingly to their evaluation
TOTAL SCORE 3 = 9,5 AND TOTAL SCORE 1 =19,5

Comment n. 16 **:**

GR-2008-1138810	**Targeting mutant-p53 to develop new prognostic and therapeutic tools for breast cancer metastasis**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:
It MUST be funded. Papers in Cell (2) and Science and excellent discoveries.

1. Scientific quality. This is strongly backed up by the PIs recent achievements and leaves little doubt. 2
2. Innovative: The field is largely unexplored and deals with an important subject. 2
3. Methodology: We agree with both previous reviewers that the Aim 2 is somewhat of a fishing expedition. On the other hand, this is a starting laboratory so that this is the stage where these approaches should be less penalized. 3
4. Translational: Highly relevant. 1
5. Profile: Very strong. Only missing some international experience, but so far the research is impressive. 1

TOTAL SCORE 3 = 7

Comment n. 17

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

GR-2008-1141838	**Danger under your skin: piercing, tattoos and permanent make-up. Toxicological and infectious risk assessment and prevention strategies**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Beatrice Bocca claims 140 papers, only 50 in Pubmed and only 4 as last au, 1 in Italian journal and 1 review. Too few cites, never left the University, one of the scores is 14.5. The objective seems not too ambitious, the money is inflated, and part of the project is about population statistics which is not her area of interest. Proposal score would be rather 20, and she will be out.

1. Scientific quality. The project is quite descriptive and the writing needs to be much more worked on. It was difficult to get a clear perspective of what is it that will be done, and why the PI is an expert on the topic. 6
2. Innovative: The question is exotic, but the way to address it is not innovative at all, and rather a repetition of other approaches. 4
3. Methodology: This panel has doubts on whether the methodology proposed falls within the area of expertise of the PI. 4
4. Translational: Even though it has a translational aim, the actual impact seems dubious. 3
5. Profile: This is perhaps the weakest part of the proposal The PI lacks international experience and, most importantly, significant contributions. The most quoted ones are publications in which she is a middle author. The impact of first or last author publications is weak, and not competitive within this call. There are no other signs of excellence that could complement these deficiencies. 5

TOTAL SCORE 3 =: 22.

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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Comment n. 18

GR-2008-1137171	**MicroRNAs as novel regulators of the therapeutic plasticity of somatic STEM cells (miR-STEM)**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Excellent. Only there was an error in one of the reviewer score, so that he/she reversed the numbers.

1. Scientific quality. Agreed with the rest of the reviewers, the project is of very high quality. 1
2. Innovative: Again, this is a very innovative project. 1.5
3. Methodology: He plans to use state-of the art methodology, which is a further strength of the project. 1.5
4. Translational: The clinical and translational potential is clear and very high. 1
5. Profile: Excellent candidate by all means. 1

TOTAL SCORE 1 = 6.

Comment n. 19

GR-2008-1134103	**Designing strategies to target cancer stem cells: a study on the molecular bases of mitotic spindle coupling to polarity cues in mammalian asymmetric divisions.**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The project was correctly evaluated but 1/3 referees gave scores based on a reverse ranking. The correct scores should be 6 instead of 44 accordingly to his/her evaluation
TOTAL SCORE 3 = 6

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 20

GR-2008-1141552	**Mapping of human DNA replication origins and study of their regulation in normal and cancer cells**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The project is rather descriptive and exploratory. Importantly, similar approaches have been and are being done by many laboratories, and the approach proposed by the PI does not look particularly original. The productivity of the applicant is modest and does not add further strength to this project. Moreover, the use of cell lines is not optimal. In summary, a very descriptive project, which does not propose any new or creative angle, that would give it an advantage in the field. The translational aim is unclear.
TOTAL SCORE 2 = 20

Comment n. 21

GR-2008-1143560	**Exploiting proteotoxic stress against plasma cell malignancies**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Reviewer 2 clearly misunderstood the evaluation mechanism.
Based on his comments, the reviewer did like the project, and the total scores should be a score of 10
TOTAL SCORE 2 =10

Comment n. 22

GR-2008-1137861	**A new technique for non-invasive monitoring of heart failure**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Based on his comments, reviewer 1 clearly misunderstood the scoring mechanism.
Scores should be: 4, 3, 3.5, 3, 3.5, giving a total score of 17.
Since the project got only two evaluations the Committee has provided a third one.

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

The project is of some interest, however the feasibility is questionable and the methods are not really well described. Moreover, they mainly focus on improving existing technologies, rather that introducing new ones.
Based on this, our scores are the following: 3, 4, 4, 1.5, 2, total score 14.5
TOTAL SCORE 1= 17 AND TOTAL SCORE 3= 14,5

Comment n. 23

GR-2008-1136603	**Pro-angiogenic and tumor activity of Dbl expressed in epithelial cells: search for diagnostic markers and therapeutic targets for carcinoma.**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
This project got very discrepant evaluations therefore we give an additional one.
Aim 1 is very descriptive and not so innovative, but still of some interest.
Aim 2 is more innovative and the experiments that are planned are interesting. Although it is all done in vitro, co-culture and culture with conditioned medium is interesting. However some of the methods are not really clear.
Aim 3: the proposed experiments are of some interest, but do not clarify the mechanisms of Dbl tumorigenic activity.
In general, the whole project is of moderate interest. In addition to this, clinical relevance is stated in the project summary, but not really well explained in the description.
The PI has a reasonably good CV, and a good background in the field. However the way in which the project is written indicates that the PI is not used to write in English, so she might have problems in publishing. (anybody working in this field should use "shRNA expressing retroviruses", rather that "expression arrest recombinant retroviruses").
TOTAL SCORE 3 = 15

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 24

GR-2008-1139577	**Defining stem cell lineages for regenerative medicine: histone methylation in neural differentiation**

The Committee evaluated the comment of the referees 1 and 3 and the related scores. It has decided that they weren't totally acceptable for the following reason:

Based on his comments, reviewer number 1 clearly misunderstood the scoring mechanism.

Score should be: 1, 2, 1.5, 1.5, 1.5, giving a total of 7.5

Based on his comments, reviewer number 3 clearly misunderstood the scoring mechanism.

Scores should be: 2, 2, 3, 1, 1, giving a total of 9

TOTAL SCORE 1 = 7,5 AND TOTAL SCORE 3 = 9

Comment n. 25

GR-2008-1142083	**Global warming, urbanization and immunodeficiency: effects on the leishmaniosis transmission patterns.**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

Scientific quality: The objective is to define areas of leishmaniosis and the sandfly species responsible for the transmission depending on the host (including humans). The project is sound and well articulated. **2.5**

Innovation: The project will provide updated epidemiological information on leishmaniosis in Italy, with an added perspective on global warming. The methodology is not novel but is appropriate. **2.5**

Methodology: The methodology is not novel but is appropriate. However, the sample size is unclear. **2**

Translational potential: The project will provide updated epidemiological information on leishmaniosis in Italy. **2**

Profile: Dr. Gabrielli has the required experience in epidemiology. However, Dr. Gabrielli's publication record is not competitive enough at this level. **3**

TOTAL SCORE 3 = 12

Comment n. 26

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

GR-2008-1144373	**Extracellular matrix remodelling and fibrosis in skeletal muscle dystrophies: a systems biology approach.**

The Committee has evaluated the comment of the referee 3 and it agrees with the referee that gave 28 points. The proponent has an average CV and proposes two simple tasks, one microarray screening for proteases and the generation of a mutant animal whose added value as a disease model is questionable.
NO SCORE CHANGE

Comment n. 27

GR-2008-1138141	**Employment, Disease Burden and Indirect Costs in Chronic Kidney Disease (EBICK study)**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The referee clearly misunderstood the scoring system. Based on his/ her comments, the following scores are given:

Scientific quality and relevance of the research	**2.0**
Innovative content and originality of the project (in view of the current international literature)	**2.5**
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	**1.5**
Translational impact and clinical relevance	**2.0**
Profile of the investigator (general details) and his/her scientific work (based on his/her CV, published scientific papers listed in the application – the 5 best, the 5 most relevant to the topic in hand, the 5 most recent – considering the IF of the journals in which they were published, the number of citations from year of publication to time of application for funding, and the H-index (which represents the balance between the number of publications and the number of citations per publication)	**1.5**

TOTAL SCORE 1= 9.5

Comment n. 28

GR-2008-1135679	**EPIGENETIC BASIS OF DUCHENNE CARDIOMYOPATHY: IDENTIFICATION OF NOVEL THERAPEUTIC**

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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	TARGETS

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Based on his/ her comments, the referee clearly misunderstood the scoring system. By reversing the scale, the following scores are given:

Scientific quality and relevance of the research	**3.0**
Innovative content and originality of the project (in view of the current international literature)	**5.0**
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	**2.5**
Translational impact and clinical relevance	**3.0**
Profile of the investigator (general details) and his/her scientific work (based on his/her CV, published scientific papers listed in the application – the 5 best, the 5 most relevant to the topic in hand, the 5 most recent – considering the IF of the journals in which they were published, the number of citations from year of publication to time of application for funding, and the H-index (which represents the balance between the number of publications and the number of citations per publication)	**1.0**

TOTAL SCORE 2 = 14.5

Comment n. 29

GR-2008-1135491	**Redox proteomics for the identification of novel mechanicistic and diagnostic markers of human heart failure: focus on oxidatively modified proteins**

The Committee evaluated the comment of the referee 1 and the related score. IT has decided that it wasn't totally acceptable for the following reason:
Based on his/ her comments, the referee clearly misunderstood the scoring system. By reversing the scale, the following scores are given:

Scientific quality and relevance of the research	**4.5**
Innovative content and originality of the project (in view of the current international literature)	**2.0**
Methodology and development strategy of the project (over its three-year duration), preliminary data and bibliographical references	**4.5**
Translational impact and clinical relevance	**3.0**
Profile of the investigator (general details) and his/her scientific work (based	**2.0**

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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on his/her CV, published scientific papers listed in the application – the 5 best, the 5 most relevant to the topic in hand, the 5 most recent – considering the IF of the journals in which they were published, the number of citations from year of publication to time of application for funding, and the H-index (which represents the balance between the number of publications and the number of citations per publication)

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to assigned as third score evaluation 16

TOTAL SCORE 1= 16 and TOTAL SCORE 3=16

Comment n. 30

GR-2008-1142598	**Study of human exposure to dioxins in selected populations living in Campania by measuring the internal dose and selected blood protein biomarkers for the evaluation of dose-response relationship**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of the evaluation, as follows:

Scientific quality: 3.0

Innovation: 3.0

Methodology: 4.0

Translational: 3.0

Profile: 3.0

Scientific Quality and Relevance: The proposed study is potentially important. However, it lacks in novelty and applicability.

Innovation and originality:

While it is relevant to obtain data for this Italian population, similar work has been done elsewhere.

Methodology: Sample size and selection are not well specified.

Translational impact and clinical relevance: Whereas this may be relevant to the population investigated, it is not clear how general the results are.

CV of the PI: The PI seems in an early stage of her career in terms of number of publications, number of first-author publications and h-factor.

TOAL SCORE 3 = 16.0

Comment n. 31

GR-2008-1144333	**MyD88: A New Therapeutic Molecular Target for the Treatment of Multiple**

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

	Sclerosis

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
This seems a case of a reviewer having reversed the score system. Complementing the score would give 11 and is in line with the other two reviewers (6 and 7.5).
TOTAL SCORE 2 = 11

Comment n. 32,

GR-2008-1143613	**Role and clinical significance of Tie2-expressing monocytes and circulating endothelial cells in cancer patients**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The score of one referee in this project has been modified, as the referee has misunderstood the attribution of score.
TOTAL SCORE 2 = 9,50

Comment n. 33,

GR-2008-1143503	**Role of the heparanase/heparan suphate system as therapeutic target in pediatric sarcomas**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The score of one referee in this project has been modified as the referee has misunderstood the attribution of score.
TOTAL SCORE 2 = 14

Comment n. 34

GR-2008-1141948	**Characterization of a novel human cardiac cell population suitable for clinical applications**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The score of one referee in this project has been modified as the referee has misunderstood the attribution of score.

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TOTAL SCORE 2 = 11

Comment n. 35

GR-2008-1146478	**Polyphenol-Rich Food Consumption and Short and Long-Term Prognosis after Coronary Artery Bypass Graft Surgery**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

A 2
B 2
C 1.5
D 1.5
E 3

Overall statement: the project is well written and well designed. The clinical relevance is also very high. However, the investigator profile is not particularly strong given that the applicant has few papers as first author.

TOTAL SCORE3 = 10

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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Comment n. 36

GR-2008-1144608	**Best clinical practice for heritable aneurysmal and dissecting diseases of the aorta**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

A 3
B 4
C 4
D 3
E 2

Overall statement: the project is not particularly innovative as the applicant proposes to screen a cohort of patients with aneurysm disease for genes already known to be involved in vascular disease.
The methodology proposed for the studies, especially the ones on treatment prediction, needs to be improved significantly.
TOTAL SCORE 3 = 16

Comment n. 37

GR-2008-1134669	**Toll-like receptors in chronic B cell malignancies**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

A 3
B 3.5
C 4
D 4
E 1

Overall statement: the project is not innovative and some proposed experiments have been already published. It is not clear how the experimental design will address the applicant's hypotheses. The translational impact is limited because clinical trials based on TLR agonists in CLL are published or ongoing. For example, the use of the *lpr/lpr* mice may provide a complicated disease setting where addressing tumor development may be difficult. The profile of the investigator is outstanding.
TOTAL SCORE 3= 15.5

Comment n. 38

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

GR-2008-1135082	**Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:

A 2
B 2
C 2.5
D 1.5
E 1

Overall statement: the project is original and clinically relevant. The preliminary data are not strong and the whole project appears to be too ambitious. The PI is outstanding.

The Committee verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to assign as third score evaluation the score 9.

TOTAL SCORE 2 = 9 AND TOTAL SCORE 3=9

Comment n. 40

GR-2008-1136428	**SHARPE (Sodium Handling and Arterial Phenotypes in Europe)**

The Committee has verified that the third evaluation wasn't performed by the NIH-CSR Referee, so it decided to perform the third score evaluation of this project, as follows:

A 3
B 5
C 4
D 3
E 3

Overall statement: The project is not novel and not well designed (the control group is not well chosen). Gene environment studies are not described and ethical issues not considered.

TOTAL SCORE 3: 18

Comment n. 41

GR-2008-1137872	**Genetic Profiling for Prediction of Life-Threatening**

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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	Arrhythmias in Heart Failure

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Reviewer 1 gave a 5, but the report was missing. After evaluation of the committee the panel assigned score 14.
TOTAL SCORE 1 = 14

Comment n. 42

GR-2008-1134810	**Role of uPAR in the epidermal stem cell compartment**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Reviewer 3 gave a 6.5, with no real evaluation. The score of the committee for this project is 12.
TOTAL SCORE 3 = 12

Comment n. 43

GR-2008-1135301	**Exploring induced pluripotent stem cells for heart failure treatment**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Based on the comments of reviewer number 3, and taking in consideration the rest of the reviews, the committee believes this is over-rated and gives the PI a 12. We also note that reviewer 1 seems the most knowledgeable reviewer of the topic and raises a number of substantial criticisms.
TOTAL SCORE 3 = 12

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 44

GR-2008-1146261	**Nanotechnologies in Public Health: use of optic biosensor for the detection of pathological agents**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The reviewer 2 states that he/she is not knowledgeable of the field and not competent. On the basis of the committee´s evaluation this project has assigned a score of 14 for this reviewer.
TOTAL SCORE 2 = 14

Comment n. 45

GR-2008-1134667	**Identification of defects in hippocampal function in Alzheimer's mouse models and evaluation of novel rescue therapies.**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
When compared with the rest of the reviews from this call, the committee estimates that the reviewer number 3 has clearly over-rated this project. The score of the CV is weaker to other applicants in this call and the project is thought to be rather descriptive by using previously published mouse models.
Additionally, some of the reviewers already show a dampened interest in their comments. On the basis of the committee decision this score is changed to 11.
TOTAL SCORE 3 = 11

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 46

GR-2008-1135624	**Testing the effectiveness of a drug abuse preventive program through wastewater analysis, a novel approach to estimate drug consumption in a community**

The Committee evaluated the comment of the referees 1 and 2 and the related scores. It has decided that it weren't totally acceptable for the following reason: The criticism of being over-reaching and hardly accomplished in the time being is mentioned and dampens the enthusiasm for this proposal. In additional, multiple methodological issues are raised by referees. The clinical relevance is also not clear and the CV does not show evidences of excellence. On this basis, and when compared with the scores that have been seen in the rest of the applications, the committee estimates that the scores of reviewers 1 and 2 deserve to be a bit more modest. The new scores will be 8.5 and 9, for reviewers 1 and 2, respectively.

TOTAL SCORE 1 = 8,5 AND TOTAL SCORE 2 = 9

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 47

GR-2008-1143090	**Does rehabilitation with a 10-Hz sensory stimulation improve brain rhythms and cognitive-motor performance in neurological patients? Towards Internet-based clinical applications at subjects' home**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
The Committee estimates that the translational potential is very high when compared to the rest of the candidates in this call, so that the score of referee 3 was a bit too harsh on this. The new score is given to 9.5
TOTAL SCORE 3 = 9,5

Comment n. 48

GR-2008-1142902	**Body composition and energy expenditure of Duchenne Muscolar Distrophy (DMD) patients and correlation with disease progression**

The Committee evaluated the comment of the referees 2 and 3 and the related scores. It has decided that they weren't totally acceptable for the following reason:
Referee 2 misunderstood the scoring system since the comments did not match the numbers. Accordingly, the committee has changed his comments to 11.
Referee 3 misunderstood scoring system, as the scores did not match the comments. The evaluation panel suggests individual scores of 2; 3; 2; 2; 2, for a total of 11.
TOTAL SCORE 2= 11 AND TOTAL SCORE 3 = 11

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 49

GR-2008-1135643	**In vivo screening for genes inducing neural tumors and development of animal models for assaying innovative therapies for gliomas**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Referee 1 underestimated the profile of the PI. The evaluation panel attributed **1,5** points, for a total of 9 for this referee.
TOTAL SCORE 1 = 9

Comment n. 50

GR-2008-1139646	**Design, fabrication and characterization of an electrospun bioresorbable heart valve prosthesis for cardiovascular tissue engineering**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Evaluation to substitute score 5 (not evaluated by referee 1)
Scientific quality: This is an important area of research. The proposal is written well but raises concerns regarding feasibility in the time frame of funding. **2.5**
Innovation: The project integrates previously-developed methods to produce a new device. **3**
Methodology: The methodology is not novel but is appropriate. **2.5**
Translational potential: Due to the medical impact of heart disease, this project has a high clinical potential. **1**
Profile: Dr. del Gaudio is well-qualified to lead this project. However, Dr. del Gaudio's publication record is not competitive enough at this level. **3**
TOTAL SCORE 1 = 12

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

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Comment n. 51

GR-2008-1140733	**Autism Spectrum Disorders: practical protocols aimed at promoting communication skills in natural settings**

The Committee evaluated the comment of the referee 2 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Evaluation to substitute score 5 (referee 2 overestimated)
Scientific quality: This is an important area of research. The proposal is written well but raises some methodological concerns. **2**
Innovation: The project is innovative due to the combination of molecular and behavioural parameters. **1,5**
Methodology: the project lacks details on the integration of genetic information with the rehabilitation strategies. We have some concerns about sample size and statistical power of this study. **3**
Translational potential: Due to the medical impact of autism, this project has a high clinical potential. **1,5**
Profile: Dr. Bonati is well-qualified to lead this project. However, Dr. Bonati's publication record is not competitive enough at this level. **2,5**
TOTAL SCORE 2 = 10,5

Comment n. 52

GR-2008-1138068	**SUMF1 (Sulfatase Modifying Factor 1) controls self-renewal and differentiation of the HSCs (hematopoietic stem cells)**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
One of the reviewers did not follow the scoring instructions. Converted scores:
TOTAL SCORE 3 = 9,5

Young Italian Researchers Grant 2008 - Evaluation Committee – COMMENTS

#

Comment n. 53

GR-2008-1137799	**Role of the putative oncosupppressor HIPK2 in cytokinesis and induction of chromosomal instability**

The Committee evaluated the comment of the referee 3 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Evaluation to substitute score 11,5 (the referee provided no individual justification for his/ her scores)
Scientific quality: This is an important area of research. The proposal is written well but raises some methodological concerns. **2**
Innovation: The project is innovative and is backed up by promising preliminary data. **2**
Methodology: The methodology is not novel but is appropriate. **2**
Translational potential: Due to the medical impact on oncology, this project has a high clinical potential. **1,5**
Profile: Dr. Rinaldo is a highly competitive candidate and well-qualified to lead this project. **1,5**
TOTAL SCORE 3 = 9

Comment n. 54

GR-2008-1140286	**Ubiquitin-dependent regulation of p63 and p73 in physiological and pathological conditions**

The Committee evaluated the comment of the referee 1 and the related score. It has decided that it wasn't totally acceptable for the following reason:
Referee number 1 underestimated the PI and the project. Panel assigned a score of 10 instead of 14.
TOTAL SCORE 1 = 10

Young Italian Researchers Grant 2008 - Evaluation Committee - Final List

with Funding Information

Rank	Code	Title	Principal Investigator	Institutions	Average Score	Score			Overall costs	Funding MoH
1	GR-2008-1138053	Identification of novel prognostic factors and therapeutic targets for Richter's syndrome	Silvia DEAGLIO	Piemonte	**6,17**	8,5	5	5	€ 792.000,00	€ 546.000,00
2	GR-2008-1137139	Neurofunctional Alterations of Body representation in Anorexia Nervosa: Neuropsychological Measures and Neurophysiologic Treatments	Cosimo Urgesi	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**6,67**	6	7	7	€ 600.000,00	€ 600.000,00
3	GR-2008-1138226	Understanding in vivo MSC-mediated immunosuppression: scientific bases for clinical protocols.	Antonella Viola	Istituto Clinico Humanitas	**6,83**	9	5	6,5	€ 743.662,00	€ 600.000,00
4	GR-2008-1137632	Idiopathic Central Hypogonadism (ICH) as an emerging clinical problem: Investigations on the disrupted signals underlying its pathogenesis and generation of an efficient national network for its diagnosis and management	MARCO BONOMI	Fondazione Istituto Auxologico Italiano	**7,00**	6,5	5	9,5	€ 1.296.600,00	€ 600.000,00
5	GR-2008-1141464	The role of Activation Induced Deaminase in the onset and progression of B-cell tumours	Silvestro Conticello	Toscana	**7,00**	7,5	5,5	8	€ 757.000,00	€ 429.500,00
6	GR-2008-1143546	Activation of Nuclear Bile Acid Receptor FXR as a novel therapeutic approach to colon cancer	Antonio Moschetta	IRCCS Giovanni Paolo II	**7,17**	5	6	10,5	€ 595.990,00	€ 515.990,00
7	GR-2008-1137171	MicroRNAs as novel regulators of the therapeutic plasticity of somatic STEM cells (miR-STEM)	Stefano Pluchino	Fondazione Centro San Raffaele del Monte Tabor	**7,17**	6	5	10,5	€ 774.000,00	€ 600.000,00
8	GR-2008-1144980	Exploring the endocannabinoid system to face inflammatory neurodegeneration in Multiple Sclerosis	Diego Centonze	Fondazione Santa Lucia	**7,33**	7	8	7	€ 600.000,00	€ 550.000,00
9	GR-2008-1138141	Employment, Disease Burden and Indirect Costs in Chronic Kidney Disease (EBICK study)	Luca Neri	Regione Lombardia - Direzione Generale Sanità	**7,50**	9,5	6,5	6,5	€ 599.988,00	€ 599.988,00

Rank	Code	Title	Principal Investigator	Institutions	Average Score	Score			Overall costs	Funding MoH
10	GR-2008-1136609	The kidney as a sensor of risk in clinical practice: optimizing cost-effectiveness in the identification of high risk patients with primary hypertension	Francesca Viazzi	Liguria	**7,67**	6,5	5,5	11	€ 422.000,00	€ 320.000,00
11	GR-2008-1142781	PARACRINE EFFECTS AND CARDIAC REGENERATIVE POTENTIAL OF FETAL MESENCHYMAL STEM CELLS DERIVED FROM HUMAN PLACENTA	Massimiliano Gnecchi	IRCCS Fondazione Policlinico San Matteo	**7,67**	10	6	7	€ 1.200.000,00	€ 600.000,00
12	GR-2008-1145270	Study of cholesterol metabolism as biomarker in Huntington disease: new insights in the pathogenesis of neurodegeneration	valerio leoni	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**7,67**	7	8,5	7,5	€ 500.500,00	€ 500.500,00
13	GR-2008-1143201	Non-invasive tools for early detection of Autism Spectrum Disorders	Maria Luisa Scattoni	Istituto Superiore di Sanita'	**7,83**	8,5	8	7	€ 1.069.892,00	€ 597.513,00
14	GR-2008-1144485	Analyzing the genetic architecture of Crohn's disease. The International IBD Genetic Consortium study	Anna Latiano	Ospedale Generale Regionale "Casa Sollievo della Sofferenza"	**8,00**	7,5	10	6,5	€ 485.000,00	€ 450.000,00
15	GR-2008-1138087	Sonodynamic therapy: high energy shock waves and porphyrin compounds for treatment of solid tumors	Loredana Serpe	Piemonte	**8,00**	12	7	5	€ 577.500,00	€ 392.500,00
16	GR-2008-1143696	The Role of Vascular Smooth Muscle Cell Mineralocorticoid Receptors in Vascular Function and Disease	Iris Jaffe	Istituto San Raffaele Pisana	**8,00**	10,5	8,5	5	€ 951.830,00	€ 485.045,00
17	GR-2008-1135776	Prevention and Therapy of Hepatocellular Carcinoma	Giovanni Sitia	Fondazione Centro San Raffaele del Monte Tabor	**8,00**	8,5	9,5	6	€ 810.000,00	€ 600.000,00
18	GR-2008-1137604	Role of cannabinoid and vanilloid receptors in the central mechanism of neuropathic pain	Silvia Marinelli	Fondazione Santa Lucia	**8,00**	6,5	10	7,5	€ 501.050,00	€ 501.050,00
19	GR-2008-1144333	MyD88: A New Therapeutic Molecular Target for the Treatment of Multiple Sclerosis	Elisabetta Volpe	Fondazione Santa Lucia	**8,17**	7,5	11	6	€ 659.000,00	€ 494.000,00
20	GR-2008-1134625	New therapeutical approaches to RANKL-dependent Autosomal Recessive Osteopetrosis	cristina sobacchi	Istituto Clinico Humanitas	**8,17**	7,5	7	10	€ 460.000,00	€ 460.000,00

Rank	Code	Title	Principal Investigator	Institutions	Average Score	Score			Overall costs	Funding MoH
21	GR-2008-1134796	Aberrant gene expression and muscular dystrophy: role of the epigenome in the pathogenesis and potential therapies.	Davide Gabellini	Fondazione Centro San Raffaele del Monte Tabor	**8,17**	7,5	6	11	€ 723.000,00	€ 540.000,00
22	GR-2008-1144536	A longitudinal MRI investigation of patients with mild cognitive impairment using structural and functional techniques to identify biomarkers of diagnostic and prognostic value.	Marco Bozzali	Fondazione Santa Lucia	**8,17**	8	5,5	11	€ 835.000,00	€ 450.000,00
23	GR-2008-1143560	Exploiting proteotoxic stress against plasma cell malignancies	Simone Cenci	Fondazione Centro San Raffaele del Monte Tabor	**8,17**	7,5	10	7	€ 706.825,00	€ 550.000,00
24	GR-2008-1139577	Defining stem cell lineages for regenerative medicine: histone methylation in neural differentiation	Giuseppe Testa	Istituto Europeo di Oncologia	**8,33**	7,5	8,5	9	€ 702.900,00	€ 597.300,00
25	GR-2008-1136044	Mannose Binding Lectin, a Potential New Target for Stroke Therapy: Biochemical, in Vitro and in Vivo Experimental, and Clinical Approaches to Define its Role in Ischemic Injury.	Elisa Zanier	Ospedale Maggiore	**8,33**	8,5	7	9,5	€ 785.235,00	€ 585.915,00
26	GR-2008-1139743	Analysis of the pathogenetic mechanisms underlying lysosomal disorders using zebrafish biosensors	ENRICO MORO	Istituto "Giannina Gaslini"	**8,33**	7	6	12	€ 355.000,00	€ 355.000,00
27	GR-2008-1138004	Innovative IDO-targeting interventions in autoimmunity	CIRIANA ORABONA	Umbria	**8,33**	12	7	6	€ 399.000,00	€ 309.000,00
28	GR-2008-1143091	Prediction of cognitive decline in mild cognitive impairment (MCI) subjects carrying genetic risk factors based on quantitative EEG and transcranial magnetic stimulation markers	Fabrizio Vecchio	Associazione Oasi Maria SS.	**8,33**	7	12	6	€ 430.000,00	€ 430.000,00
29	GR-2008-1136933	Antisense RNA-mediated gene therapy of retinal dystrophies and dysfunctions.	Michela Denti	Provincia autonoma Trento	**8,33**	8	6	11	€ 341.000,00	€ 300.000,00
30	GR-2008-1142336	NMDA receptor modulation in early Parkinsonism and in L-DOPA-induced dyskinesia: a new therapeutic strategy	Barbara Picconi	Fondazione Santa Lucia	**8,50**	6,5	9	10	€ 655.000,00	€ 600.000,00
31	GR-2008-1135973	Epigenetic regulation of transcription in cellular differentiation and cancer formation	Diego Pasini	Istituto Europeo di Oncologia	**8,50**	10	8	7,5	€ 795.300,00	€ 592.350,00

Rank	Code	Title	Principal Investigator	Institutions	Average Score	Score			Overall costs	Funding MoH
32	GR-2008-1135635	Preclinical evaluation of the NAMPT inhibitor FK866 for the treatment of autoimmunity and lymphoblastic leukemia	Alessio Nencioni	Liguria	**8,67**	8	11	7	€ 816.148,00	€ 631.111,00
33	GR-2008-1138756	NEW IMMUNOTHERAPEUTIC STRATEGIES FOR HEPATOCELLULAR CARCINOMA	Alessandro Zerbini	Emilia-Romagna	**8,67**	9,5	9	7,5	€ 737.000,00	€ 572.000,00
34	GR-2008-1138810	Targeting mutant-p53 to develop new prognostic and therapeutic tools for breast cancer metastasis	Michelangelo Cordenonsi	Veneto	**8,67**	11	8	7	€ 450.000,00	€ 450.000,00
35	GR-2008-1134294	Secretases, myelin and neurodegenerative diseases	Carla Taveggia	Fondazione Centro San Raffaele del Monte Tabor	**8,83**	6,5	9	11	€ 840.000,00	€ 600.000,00
36	GR-2008-1138784	Application of high-field structural and functional MRI to investigate the substrates of fatigue in multiple sclerosis and the effects of tailored treatments.	Maria Rocca	Fondazione Centro San Raffaele del Monte Tabor	**8,83**	6	12	8,5	€ 879.000,00	€ 600.000,00
37	GR-2008-1138121	Study of the role of S-nitrosoglutathione reductase (GSNOR) in neuronal homeostasis and its implication in Parkinson's disease etiopathogenesis	Giuseppe Filomeni	Istituto San Raffaele Pisana	**8,83**	12	7,5	7	€ 740.000,00	€ 600.000,00
38	GR-2008-1137799	Role of the putative oncosupppressor HIPK2 in cytokinesis and induction of chromosomal instability	cinzia rinaldo	Istituto Regina Elena	**9,00**	8,5	9,5	9	€ 616.000,00	€ 500.000,00
39	GR-2008-1135643	In vivo screening for genes inducing neural tumors and development of animal models for assaying innovative therapies for gliomas	Paolo Malatesta	Istituto Nazionale per la Ricerca sul Cancro	**9,00**	9	10,5	7,5	€ 887.000,00	€ 590.000,00
40	GR-2008-1138068	SUMF1 (Sulfatase Modifying Factor 1) controls self-renewal and differentiation of the HSCs (hematopoietic stem cells)	maria pia cosma	Campania	**9,00**	8,5	9	9,5	€ 838.200,00	€ 517.000,00
41	GR-2008-1142499	Identification of molecular signatures associated with coronary and carotid artery atherosclerotic diseases progression and clinical acute manifestations through the analysis of peripheral and local immunological pathogenetic determinants.	Filippo Canducci	Fondazione Centro San Raffaele del Monte Tabor	**9,00**	9	6	12	€ 660.000,00	€ 600.000,00

Rank	Code	Title	Principal Investigator	Institutions	Average Score	Score			Overall costs	Funding MoH
42	GR-2008-1138538	SET UP OF HIGH SENSITIVITY MUTATIONAL ASSAY TO DETECT CANCER-ASSOCIATED GENOMIC INSTABILITY USING NEXT-GENERATION SEQUENCING TECHNOLOGY	Francesca Donatella Ciccarelli	Istituto Europeo di Oncologia	**9,00**	11	7,5	8,5	€ 782.650,00	€ 538.450,00
43	GR-2008-1146478	Polyphenol-Rich Food Consumption and Short and Long-Term Prognosis after Coronary Artery Bypass Graft Surgery	Simona Costanzo	Molise	**9,00**	7,5	9,5	10	€ 694.100,00	€ 586.300,00
44	GR-2008-1145964	Mesenchymal Stem Cells and Cancer: Toward Safer Cell-Based Therapeutic Applications	Massimo Dominici	Emilia-Romagna	**9,00**	8	12	7	€ 930.820,00	€ 597.820,00
45	GR-2008-1142673	UNRAVELING THE MECHANISMS OF THE ACTIVATION OF RESIDENT CARDIAC STEM CELLS: AN APPROACH TO CARDIOVASCULAR REGENERATIVE THERAPY	Daniele Torella	Calabria	**9,00**	9,5	8,5	0	€ 593.250,00	€ 393.250,00
46	GR-2008-1143408	Methylome profiling and clinical correlations in Neuroblastoma	Barbara Banelli	Istituto Nazionale per la Ricerca sul Cancro	**9,17**	7	14	6,5	€ 873.250,00	€ 600.000,00
47	GR-2008-1146615	New assays for evaluation of tumorigenic potential of malignant brain tumor cancer stem cells clonal derivatives and identification of molecular targets for pharmacological interventions	Yvan Torrente	Ospedale Maggiore	**9,17**	10	8	9,5	€ 600.000,00	€ 540.000,00
48	GR-2008-1135672	Autophagy modulation as target to develop novel pharmacological approaches for mitochondrial disorders	Paolo Pinton	Emilia-Romagna	**9,17**	8	12,5	7	€ 572.576,00	€ 416.250,00
49	GR-2008-1134103	Designing strategies to target cancer stem cells: a study on the molecular bases of mitotic spindle coupling to polarity cues in mammalian asymmetric divisions.	Marina Mapelli	Istituto Europeo di Oncologia	**9,17**	13	8,5	6	€ 529.650,00	€ 447.150,00
50	GR-2008-1143090	Does rehabilitation with a 10-Hz sensory stimulation improve brain rhythms and cognitive-motor performance in neurological patients? Towards Internet-based clinical applications at subjects home	Claudio Del Percio	Istituto San Raffaele Pisana	**9,17**	9,5	8,5	9,5	€ 420.000,00	€ 420.000,00

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51	GR-2008-1142902	Body composition and energy expenditure of Duchenne Muscolar Distrophy (DMD) patients and correlation with disease progression	Alessandra Coin	Veneto	**9,17**	5,5	11	11	€ 394.000,00	€ 304.000,00
52	GR-2008-1140742	An innovative surveillance system for obesity and lifestyles in adolescents applied to the public health service	Garden Tabacchi	Agenzia per i Servizi Sanitari Regionali	**9,17**	7	5	15,5	€ 540.000,00	€ 435.000,00
53	GR-2008-1140286	Ubiquitin-dependent regulation of p63 and p73 in physiological and pathological conditions	angelo peschiaroli	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**9,33**	10	7,5	10,5	€ 580.000,00	€ 430.000,00
54	GR-2008-1135082	Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis	Domenico Mavilio	Istituto Clinico Humanitas	**9,33**	10	9	9	€ 600.000,00	€ 600.000,00
55	GR-2008-1141326	Cystic Fibrosis as a model disease for protein misfolding defects	Nicoletta Pedemonte	Istituto "Giannina Gaslini"	**9,33**	15	8	5	€ 600.000,00	€ 600.000,00
56	GR-2008-1138642	Promoting Recovery from stroke: INdividually enriched therapeutic intervention in Acute Phase (PRINAP)	filippo zappasodi	Abruzzo	**9,50**	11	8	9,5	€ 910.200,00	€ 600.000,00
57	GR-2008-1136701	Hematopoietic stem cell gene therapy for the treatment of rare inherited pediatric disorders	Alessandra Biffi	Fondazione Centro San Raffaele del Monte Tabor	**9,50**	11	10,5	7	€ 1.175.000,00	€ 600.000,00
58	GR-2008-1135117	Role of lung cancer initiating cells in prognosis and chemoresistance	Luca Roz	Fondazione IRCCS Istituto Nazionale dei Tumori	**9,67**	8	10	11	€ 1.037.850,00	€ 552.200,00
59	GR-2008-1143442	ZINC SULPHATE: SAFETY AND EFFICACY IN ALZHEIMER S DISEASE PATIENTS TREATED WITH ACETYLCHOLINESTERASE INHIBITORS. A PROSPECTIVE, RANDOMIZED, DOUBLE BLIND, PARALLEL, & PLACEBO-CONTROLLED PHASE II STUDY	Rosanna Squitti	Centro San Giovanni di Dio - Fatebenefratelli	**9,67**	11,5	8	9,5	€ 1.094.000,00	€ 600.000,00

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60	GR-2008-1136178	TOWARDS AN INNOVATIVE THERAPEUTIC TREATMENT OF ECTRODACTYLY-ECTODERMAL DYSPLASIA-CLEFTING (EEC) SYNDROME USING ALLELE-SPECIFIC RNA SILENCING	Enzo Di Iorio	Veneto	**9,83**	10	14	5,5	€ 2.056.427,00	€ 599.815,00
61	GR-2008-1134821	Negative modulation of nicotinic acetylcholine receptor by PPAR-alpha as a novel therapeutic target in autosomal-dominant nocturnal frontal lobe epilepsy.	Miriam Melis	Sardegna	**10,00**	8,5	9	12,5	€ 880.000,00	€ 545.000,00
62	GR-2008-1136291	New predictors of cardiovascular disease and their role in acute coronary syndromes	Marcello Rattazzi	Veneto	**10,00**	11,5	12	6,5	€ 679.000,00	€ 495.000,00
63	GR-2008-1142755	Role of BDNF in L-DOPA-induced dyskinesia in animal models of Parkinson´s disease	Manolo Carta	Sardegna	**10,00**	8,5	10	11,5	€ 394.000,00	€ 394.000,00
64	GR-2008-1146234	Sleep related risk factors for postpartum depression	Mauro Manconi	Regione Lombardia - Direzione Generale Sanità	**10,00**	9	14	7	€ 663.900,00	€ 431.100,00
65	GR-2008-1140605	Study of the role of pro-angiogenic factors in leukemogenesis and evaluation of the effectiveness of their targeting as anti-tumor therapy	Rosa Bernardi	Fondazione Centro San Raffaele del Monte Tabor	**10,00**	7	14	9	€ 874.500,00	€ 490.000,00
66	GR-2008-1135624	Testing the effectiveness of a drug abuse preventive program through wastewater analysis, a novel approach to estimate drug consumption in a community	Sara Castiglioni	Istituto Superiore di Sanita'	**10,00**	8,5	9	12,5	€ 650.000,00	€ 590.000,00
67	GR-2008-1135311	Reducing Parkinson's Disease Neurodegeneration Using Protective Factors Produced by Autologous Engineered Fibroblasts	DIEGO ALBANI	Fondazione Don Carlo Gnocchi Onlus	**10,17**	11	13	6,5	€ 664.400,00	€ 544.200,00
68	GR-2008-1143613	Role and clinical significance of Tie2-expressing monocytes and circulating endothelial cells in cancer patients	Michele De Palma	Fondazione Centro San Raffaele del Monte Tabor	**10,17**	11	9,5	10	€ 893.500,00	€ 600.000,00
69	GR-2008-1134899	Human Immunoagents for the Therapy of Mammary Carcinoma	Claudia De Lorenzo	Istituto Regina Elena	**10,17**	12,5	9,5	8,5	€ 510.000,00	€ 440.000,00
70	GR-2008-1143487	Combined MR and PET imaging for monitoring stem cell therapies	Letterio Salvatore Politi	Fondazione Centro San Raffaele del Monte Tabor	**10,17**	13,5	10	7	€ 958.200,00	€ 600.000,00

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71	GR-2008-1146677	Hemodymanic brain-computer interfaces in stroke rehabilitation	Andrea Caria	Istituto di Neuroriabilitazione Motoria San Camillo	**10,17**	9,5	6	15	€ 386.520,00	€ 386.520,00
72	GR-2008-1146799	Combined treatment models of borderline personality disorder (BPD): comparison between brief and long-term results	MONICA ZIZZA	Piemonte	**10,17**	9	8,5	13	€ 318.000,00	€ 210.000,00
73	GR-2008-1145565	The Rai adaptor protein in Th17 cell differentiation, effector function and chemotaxis and in the pathogenesis of multiple sclerosis	MARIA TERESA SAVINO	Istituto Europeo di Oncologia	**10,17**	11	14,5	5	€ 404.250,00	€ 354.750,00
74	GR-2008-1134172	Toward personalized medicine: investigating antidepressant efficacy and the underlying molecular mechanisms in a gene by environment interaction perspective	Igor Branchi	Istituto Superiore di Sanita'	**10,17**	11	7,5	12	€ 596.200,00	€ 365.200,00
75	GR-2008-1140879	Innovative approaches to the diagnosis and prognostication of Philadelphia-negative chronic myeloproliferative neoplasms	PAOLA GUGLIELMELLI	Toscana	**10,17**	13	5	12,5	€ 562.755,00	€ 376.200,00
76	GR-2008-1134810	Role of uPAR in the epidermal stem cell compartment	Silvia D'Alessio	Fondazione Centro San Raffaele del Monte Tabor	**10,17**	12	6,5	12	€ 600.000,00	€ 600.000,00
77	GR-2008-1145000	Tumor suppressor targeting as a novel molecular therapy for cancer: the Bcr-Abl Hausp FoxO3a pathway in Chronic Myeloid Leukemia	alessandro morotti	Piemonte	**10,17**	8	14,5	8	€ 142.000,00	€ 106.000,00
78	GR-2008-1141112	Role of the inwardly rectifying potassium channel Kir4.1 in the pathogenesis of cryptogenic epileptic syndromes and encephalopathies.	Federico Sicca	Fondazione Stella Maris	**10,33**	11	8	12	€ 869.140,00	€ 409.840,00
79	GR-2008-1141948	Characterization of a novel human cardiac cell population suitable for clinical applications	alessandra rossini	Centro Cardiologico Monzino	**10,33**	8	11	12	€ 500.000,00	€ 425.000,00
80	GR-2008-1144484	MicroRNAs as molecular markers to design novel therapies for glioblastoma and colorectal cancer treatment	Lucia Ricci Vitiani	Istituto Superiore di Sanita'	**10,33**	10	7,5	13,5	€ 590.000,00	€ 400.000,00

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81	GR-2008-1141306	New insight for a therapeutical approach to alcoholism: study of toxicity, tolerance and ethanol dependence mechanisms by regulation of transcription, molecular imaging and epigenetic analysis	Claudio D'Addario	Emilia-Romagna	**10,33**	12,5	9,5	9	€ 337.000,00	€ 185.500,00
82	GR-2008-1146263	Identification and functional analysis of mutations in FMR1 and FMRP-interacting genes CYFIP1 and BC200 in a large cohort of patients with idiopathic mental retardation and/or autism.	FRANCESCA ZALFA	Fondazione Santa Lucia	**10,33**	5	8	18	€ 137.000,00	€ 137.000,00
83	GR-2008-1147031	Role of the innate immunity in herpes simplex virus (HSV)-1-related neuropathologies.	Cristina Cerboni	Istituto Neurologico Mediterraneo Neuromed	**10,33**	14	6	11	€ 735.366,00	€ 600.000,00
84	GR-2008-1140829	Services for Prevention of psychotic and depressive EpisodeS: from genomics to phenomics in a human/animal perspective	paolo brambilla	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**10,33**	10	7	14	€ 953.000,00	€ 600.000,00
85	GR-2008-1140659	B cell in autoimmunity: from basic research to diagnostic and pharmacological targets	elisabetta traggiai	Istituto "Giannina Gaslini"	**10,33**	15	6	10	€ 579.200,00	€ 500.000,00
86	GR-2008-1135301	Exploring induced pluripotent stem cells for heart failure treatment	Claudia Bearzi	IRCCS Multimedica	**10,33**	9	10	12	€ 955.999,00	€ 600.000,00
87	GR-2008-1142731	Chromogranin-A and its derived peptides as predictive markers of complex ventricular arrhythmias in patients with dilated cardiomyopathy	Tommaso Angelone	Calabria	**10,50**	13	5,5	13	€ 420.000,00	€ 197.000,00
88	GR-2008-1137690	The power of economic policies in fighting the tobacco epidemic	Silvano Gallus	Istituto Superiore di Sanita'	**10,50**	8	8,5	15	€ 1.089.000,00	€ 554.000,00
89	GR-2008-1133530	The IL-7/IL-7 receptor axis in T cell memory in type I diabetes mellitus and islet allo-transplantation	Paolo Monti	Fondazione Centro San Raffaele del Monte Tabor	**10,50**	13	10	8,5	€ 642.000,00	€ 420.000,00
90	GR-2008-1142083	Global warming, urbanization and immunodeficiency: effects on the leishmaniosis transmission patterns.	Simona Gabrielli	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana	**10,67**	12	8	12	€ 926.018,00	€ 597.400,00

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91	GR-2008-1134644	Gamma irradiation of dried fruits: evaluation of biohazardous pollutants (pesticides and mycotoxins), of moulds and fungi reduction, and investigation on nutritional modifications	Maria Cristina D'Oca	Istituto Zooprofilattico Sperimentale della Sicilia	**10,67**	8	9	15	€ 667.000,00	€ 500.000,00
92	GR-2008-1142343	Telemonitoring intervention for elderly patients with acute decompensation of chronic heart failure treated in Hospital at Home: a randomized trial.	Vittoria Tibaldi	Piemonte	**10,67**	8	14	10	€ 281.000,00	€ 134.000,00
93	GR-2008-1134486	Therapeutic application of mesenchymal stem cells in pre-clinical models of vascular stenosis	AMALIA FORTE	Campania	**10,67**	10	6	16	€ 350.000,00	€ 300.000,00
94	GR-2008-1141436	IL-7 expression and regulation in lymphopenic, physiological and pathological conditions	Renata Mazzucchelli	Fondazione Centro San Raffaele del Monte Tabor	**10,67**	8	7,5	16,5	€ 672.600,00	€ 600.000,00
95	GR-2008-1133991	The extracellular matrix protein EMILIN1 as a determinant in the pathogenesis of lymphedema: a basis for new therapeutic approaches	Carla Danussi	Centro di Riferimento Oncologico	**10,67**	10,5	13,5	8	€ 385.500,00	€ 343.500,00
96	GR-2008-1146562	Systematic assessment of the acute and chronic effects of trauma on quality of life	Marcella Brunetti	Abruzzo	**10,67**	16	5	11	€ 592.000,00	€ 550.000,00
97	GR-2008-1134491	A multidisciplinary approach for the discovery of a novel class of protein-protein interaction inhibitors targeting latently HIV-1 infected reservoirs. A brand new strategy for HIV-1 eradication.	Maria Letizia Barreca	Istituto Superiore di Sanita'	**10,67**	14,5	9	8,5	€ 864.840,00	€ 599.500,00
98	GR-2008-1136409	RESTART OF ADULT HEPATOCYTES THROUGH REGENERATING SIGNALS: A CHALLENGE FOR LIVER TRANSPLANTATION	Anna Alisi	Ospedale Pediatrico Bambino Gesu	**10,83**	7,5	14,5	10,5	€ 631.000,00	€ 511.000,00
99	GR-2008-1139180	THE DNA "METHYLOME" OF HUMAN CUTANEOUS MELANOMA: PROGNOSTIC, CLINICAL AND IMMUNOTHERAPEUTIC IMPLICATIONS	Luca Sigalotti	Centro di Riferimento Oncologico	**10,83**	8	8	16,5	€ 1.050.000,00	€ 574.000,00
100	GR-2008-1136418	Role of Chromatin Remodeling in Germ Stem Cell Identity	DAVIDE CORONA	Sicilia	**10,83**	12	9	11,5	€ 550.000,00	€ 450.000,00

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101	GR-2008-1136487	Stem cell derived in vitro models of inherited thrombocytopenias for studying their pathogenesis and identifying drugs for their therapy	Alessandro Pecci	IRCCS Fondazione Policlinico San Matteo	**10,83**	14	9	9,5	€ 600.000,00	€ 600.000,00
102	GR-2008-1136405	The role of HIV-1 Nef in neuroAIDS development: identification of predictive biomarkers and novel therapeutic targets	Maria Giovanna Quaranta	Istituto Superiore di Sanita'	**11,00**	8,5	16	8,5	€ 873.715,60	€ 600.000,00
103	GR-2008-1145791	Multispecies characterisation of animal pathogens in cattle dedicated environments	BARBARA MANACHINI	Istituto Zooprofilattico Sperimentale della Sicilia	**11,00**	5	19	9	€ 585.000,00	€ 520.000,00
104	GR-2008-1141557	Gut microbiota, innate immune system and insulin resistance in the pathogenesis of obesity	Melania Manco	Ospedale Pediatrico Bambino Gesu	**11,00**	9,5	14,5	9	€ 877.500,00	€ 600.000,00
105	GR-2008-1136140	Role of Arrhythmia-Susceptibility Genes in Neonatal Long QT Syndrome, Sudden Infant Death Syndrome and Intrauterine Fetal Death	Lia Crotti	IRCCS Fondazione Policlinico San Matteo	**11,00**	15	10,5	7,5	€ 587.464,00	€ 520.600,00
106	GR-2008-1142240	Development of new anti-alzheimer therapies based on Rho GTPases modulator proteins governing cytoskeleton remodeling: tackling effects on cognition and unveiling changes in signaling mechanisms following inhibition/stimulation of the target proteins.	Sara Travaglione	Fondazione Santa Lucia	**11,00**	7	13,5	12,5	€ 756.793,00	€ 533.333,00
107	GR-2008-1141930	The NGR/isoDGR motif: a molecular timer for regulating endothelial cells adhesion to fibronectin and a tool for drug development	Flavio Curnis	Fondazione Centro San Raffaele del Monte Tabor	**11,00**	11	8	14	€ 552.000,00	€ 360.000,00
108	GR-2008-1136439	Identification of PHOX2B interactors and target genes as pharmacological candidates for Congenital Central Hypoventilation Syndrome (CCHS) and screening of drugs for preventing formation or inducing degradation of PHOX2B polyalanine aggregates	tiziana bachetti	Istituto "Giannina Gaslini"	**11,00**	8,5	6	18,5	€ 443.000,00	€ 418.000,00
109	GR-2008-1134667	Identification of defects in hippocampal function in Alzheimer's mouse models and evaluation of novel rescue therapies.	Helene Marie	Fondazione Santa Lucia	**11,17**	13	9,5	11	€ 533.225,00	€ 467.225,00

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110	GR-2008-1137868	New strategy against intractable epilepsy using a pharmacological and physiological approach	Laura Maggi	Istituto Neurologico Mediterraneo Neuromed	**11,17**	17,5	8,5	7,5	€ 750.000,00	€ 600.000,00
111	GR-2008-1143884	A bright idea to detoxify CO poisoned patients	stefania abbruzzetti	Emilia-Romagna	**11,17**	11	9,5	13	€ 390.000,00	€ 390.000,00
112	GR-2008-1138498	Gastrointestinal neuropathies induced by neurotropic viruses as a model of neurodegeneration	Paola Brun	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**11,17**	8	7,5	18	€ 801.000,00	€ 559.000,00
113	GR-2008-1136156	Modulation of ER stress as a therapeutic approach in hereditary neuropathies	Maurizio D'Antonio	Fondazione Centro San Raffaele del Monte Tabor	**11,17**	8	13,5	12	€ 600.000,00	€ 600.000,00
114	GR-2008-1141414	Dissecting the role of plasmacytoid dendritic cells in human cancer	William Vermi	Istituto Clinico Humanitas	**11,17**	8	10	15,5	€ 600.000,00	€ 600.000,00
115	GR-2008-1137209	Genes for Mental Retardation, genetic and functional analysis	Patrizia D'Adamo	Fondazione Centro San Raffaele del Monte Tabor	**11,17**	10	10,5	13	€ 733.070,00	€ 600.000,00
116	GR-2008-1134635	Evaluation of pulmonary risks from exposure to chlorination products in indoor swimming pools.	Massimo Corradi	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**11,17**	13,5	9	11	€ 390.500,00	€ 340.500,00
117	GR-2008-1141818	How COMT Val158Met polymorphisms influence behavioral and neural nociceptive processing in placebo responders and non-responders suffering from chronic pain.	Luana Colloca	Fondazione Santa Lucia	**11,17**	11	8,5	14	€ 737.000,00	€ 600.000,00
118	GR-2008-1135712	11C-Choline PET/CT as Image Guide for radiotherapic treatment of prostate cancer recurrent lymphnodes	Maria Picchio	Fondazione Centro San Raffaele del Monte Tabor	**11,17**	6,5	17,5	9,5	€ 735.500,00	€ 550.000,00
119	GR-2008-1145924	Effectiveness, efficiency and equity of regional primary care models in the care of people with complex health and social needs	Bruno Federico	Agenzia per i Servizi Sanitari Regionali	**11,33**	14	6	14	€ 700.000,00	€ 550.000,00
120	GR-2008-1142079	Nuovi approcci per la terapia differenziativa dei tumori solidi: i microRNA / MicroRNAs: new approaches for the differentiative therapy of solid tumors	Riccardo Taulli	Piemonte	**11,33**	14,5	13	6,5	€ 344.000,00	€ 304.000,00

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121	GR-2008-1141152	Surg2Aid: New approaches in diagnosis and support in cardiac surgery based on the integration of 4D echocardiographic image processing with computational modeling	Enrico Caiani	Centro Cardiologico Monzino	**11,33**	8	16	10	€ 682.500,00	€ 522.500,00
122	GR-2008-1146261	Nanotechnologies in Public Health: use of optic biosensor for the detection of pathological agents	Massimiliano Cuccioloni	Marche	**11,33**	14	14	6	€ 600.000,00	€ 450.000,00
123	GR-2008-1138062	Congenital malformations of the cerebellum: epidemiology, genetic basis, clinical correlates, diagnosis and patients' management	Enza Maria Valente	Ospedale Generale Regionale "Casa Sollievo della Sofferenza"	**11,33**	15	13,5	5,5	€ 742.000,00	€ 442.000,00
124	GR-2008-1144608	Best clinical practice for heritable aneurysmal and dissecting diseases of the aorta	Michele Pasotti	IRCCS Fondazione Policlinico San Matteo	**11,33**	9	9	16	€ 872.000,00	€ 492.000,00
125	GR-2008-1135679	EPIGENETIC BASIS OF DUCHENNE CARDIOMYOPATHY: IDENTIFICATION OF NOVEL THERAPEUTIC TARGETS	Claudia Colussi	Centro Cardiologico Monzino	**11,33**	9,5	14,5	10	€ 602.000,00	€ 480.000,00
126	GR-2008-1145388	Restoration of virus specific T cell memory in chronic HBV infection: implications for optimization of antiviral-therapy.	Carolina Boni	Emilia-Romagna	**11,50**	12,5	9	13	€ 717.750,00	€ 541.750,00
127	GR-2008-1136383	Effects of neuroactive drugs on aging and cognitive deficit	Alessandro Cellerino	Centro San Giovanni di Dio - Fatebenefratelli	**11,50**	15	13	6,5	€ 1.067.500,00	€ 599.500,00
128	GR-2008-1137872	Genetic Profiling for Prediction of Life-Threatening Arrhythmias in Heart Failure	PIETRO FRANCIA	Istituto Neurologico Mediterraneo Neuromed	**11,50**	14	8	12,5	€ 600.000,00	€ 400.000,00
129	GR-2008-1135388	RAS signalling dysregulation and cognitive functions	Simone Martinelli	Istituto Superiore di Sanita'	**11,50**	10	8,5	16	€ 1.106.470,00	€ 550.000,00
130	GR-2008-1140959	Adoptive Immunotherapy with Cytokine Induced Killer Cells for Solid Tumors: Biological Pre-clinical Studies and Clinical Applications	Dario Sangiolo	Piemonte	**11,50**	15	9	10,5	€ 300.000,00	€ 300.000,00
131	GR-2008-1137999	In vitro and in vivo multidimensional study on the effects of repetitive transcranial magnetic stimulation (rTMS) on cerebral ischemia: from basic mechanisms to clinical application	Robert Nistico	Fondazione Santa Lucia	**11,50**	9	13,5	12	€ 900.000,00	€ 530.000,00

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132	GR-2008-1145783	From behavioural counselling to 'personalized nutrition': a right key to prevent cardiovascular disease?	Romina di Giuseppe	Molise	**11,50**	11,5	14	9	€ 739.200,00	€ 586.300,00
133	GR-2008-1143174	Enzimi della biosintesi degli steroli rappresentano nuovi bersagli farmacologici per inibire l'angiogenesi e la crescita tumorale/ Sterol biosynthetic pathways: new targets for anti-angiogenesis and anti-tumor therapies	Enrico Giraudo	Piemonte	**11,50**	8,5	13	13	€ 745.100,00	€ 600.000,00
134	GR-2008-1145396	Immunoglobulin G Fragment C Receptor Polymorphisms and Clinical Efficacy of Neo-adjuvant Trastuzumab-Based Treatment in Patients with HER-2/neu-positive Breast Cancer	Antonino Musolino	Emilia-Romagna	**11,50**	12	8	14,5	€ 107.000,00	€ 59.000,00
135	GR-2008-1137826	TERAPIA ANTIPERTENSIVA DI POPOLAZIONE: LA GENETICA COME STRUMENTO DI VALUTAZIONE ECONOMICA PER MIGLIORARE EFFICACIA E SOSTENIBILITA	ERSILIA CIPOLLETTA	Campania	**11,50**	20,5	6	8	€ 680.930,00	€ 597.000,00
136	GR-2008-1145481	Production of specific molecules against ion channel based diseases: new tools for K+ channel s targeting in oncology.	Olivia Crociani	Toscana	**11,67**	19	10	6	€ 828.156,00	€ 497.880,00
137	GR-2008-1136260	Therapeutical approaches for diabetes due to the proteotoxic effect of misfolded insulin.	Carlo Colombo	Ospedale Pediatrico Bambino Gesu	**11,67**	8,5	14,5	12	€ 660.000,00	€ 500.000,00
138	GR-2008-1141787	Insulin Growth Factor-I/Oestrogen Receptors interactions in osteoblastic/osteoclastic differentiation of human adult stem cells	Isabella Tognarini	Toscana	**11,67**	18,5	7	9,5	€ 501.600,00	€ 255.600,00
139	GR-2008-1145582	Brain multi-parametric magnetic resonance study of patients with vegetative and minimally conscious state	Giovanni Rizzo	Emilia-Romagna	**11,67**	14,5	12,5	8	€ 529.960,00	€ 388.000,00
140	GR-2008-1146241	Functional neuroimaging of the chemobrain: understanding cognitive impairments following chemotherapy	Roberto Caldara	Istituto Nazionale Tumori Fondazione G. Pascale	**11,67**	10,5	8	16,5	€ 498.125,00	€ 498.125,00
141	GR-2008-1136245	CONGENITAL MUSCULAR DYSTROPHIES. FROM DIAGNOSTIC PROTOCOLS TO PATHOGENETIC MECHANISMS FOR THERAPEUTIC STRATEGIES.	ADELE D'AMICO	Ospedale Pediatrico Bambino Gesu	**11,67**	12	10,5	12,5	€ 1.415.000,00	€ 451.000,00

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142	GR-2008-1146722	Novel titanium carbide nanostructured coating for implants with high osseointegration efficiency	Giuliano Pompeo	Istituto Superiore di Sanita'	**11,67**	8,5	12,5	14	€ 475.000,00	€ 475.000,00
143	GR-2008-1140733	Autism Spectrum Disorders: practical protocols aimed at promoting communication skills in natural settings	Maria Teresa Bonati	Fondazione Istituto Auxologico Italiano	**11,67**	12,5	10,5	12	€ 1.236.500,00	€ 565.000,00
144	GR-2008-1143410	Discovery Proteomic Analysis of Human Ovarian Cancer Stem Cells and Functional Validation of Targets	marco gaspari	Calabria	**11,67**	11	11,5	12,5	€ 1.064.000,00	€ 528.000,00
145	GR-2008-1135392	DEVELOPMENT OF NEW GENOTYPIC AND PHENOTYPIC ASSAYS FOR THE ANALYSIS OF DRUG RESISTANCE IN HIV-1 INFECTED PATIENTS TREATED WITH INTEGRASE INHIBITORS. SYNTHESIS AND EVALUATION OF NEW COMPOUNDS AGAINST HIV RESISTANT VARIANTS.	Zuleika Michelini	Istituto Superiore di Sanita'	**11,67**	14	7,5	13,5	€ 1.212.905,00	€ 585.200,00
146	GR-2008-1135284	Molecular and pathogenetic mechanisms of two neurologic diseases associated to mutations of mitochondrial transporter genes	Francesco Massimo Lasorsa	Puglia	**11,67**	12	10	13	€ 363.000,00	€ 263.000,00
147	GR-2008-1134640	New antimicrobial agents targeting antibiotic resistance mechanisms and novel or underexploited targets	Attilio Fabbretti	Marche	**11,67**	15	14	6	€ 728.000,00	€ 528.000,00
148	GR-2008-1135574	Dialysis treatment optimization by means of single patient hydro-electrolytic equilibrium modeling	Giustina Casagrande	IRCCS Policlinico San Donato	**11,67**	9	6,5	19,5	€ 1.285.025,00	€ 503.749,00
149	GR-2008-1143656	Levosimendan to reduce mortality in high risk cardiac surgery patients. A multicentre randomized controlled trial.	giovanni landoni	Fondazione Centro San Raffaele del Monte Tabor	**11,67**	16,5	13,5	5	€ 1.440.000,00	€ 600.000,00
150	GR-2008-1145918	In vitro and in vivo studies on the effects of free radicals formation on the Post-Translational Modulation of Glutamate Transmission: a new therapeutic approach for chronic pain management	Carolina Muscoli	Istituto San Raffaele Pisana	**11,83**	15	7,5	13	€ 935.000,00	€ 560.000,00
151	GR-2008-1138195	Rete Oncologica Pediatrica Regionale: Progetto di una Infrastruttura Tecnologica in Campania	Aniello Murano	IRCCS Fondazione SDN	**11,83**	14	9	12,5	€ 1.000.000,00	€ 350.000,00

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152	GR-2008-1140755	Transcriptional and post-transcriptional control of RET gene expression: implications in development and cancer.	Paola Griseri	Istituto "Giannina Gaslini"	**11,83**	14,5	12,5	8,5	€ 412.452,00	€ 412.452,00
153	GR-2008-1138861	Emerging viral infections: pathogenesis and host immune response	Giada Rossini	Emilia-Romagna	**11,83**	11	15	9,5	€ 780.000,00	€ 540.000,00
154	GR-2008-1143459	In vivo dynamics of immune reconstitution after hematopoietic stem cell gene therapy	Silvia Selleri	Fondazione Centro San Raffaele del Monte Tabor	**11,83**	13,5	8	14	€ 719.250,00	€ 600.000,00
155	GR-2008-1142822	VALIDATION OF AN INSTRUMENT FOR THE ATTRIBUTION OF A PRIORITY LEVEL FOR HEALTH CARE SERVICES ALLOCATION OF COMMUNITY-DWELLING OLDER PERSONS	CARMELINDA RUGGIERO	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**11,83**	10	6,5	19	€ 835.950,00	€ 580.350,00
156	GR-2008-1144101	Caspase-3, a biomarker for Alzheimer's Disease, as the starting point for synapse-protective therapies preventing neuron loss and cognitive dysfunction	Silvia Middei	Fondazione Santa Lucia	**11,83**	11	10	14,5	€ 739.200,00	€ 504.000,00
157	GR-2008-1134112	Renal stem cells as novel therapeutic tools in acute and chronic renal injury	Paola Romagnani	Toscana	**11,83**	18	10	7,5	€ 453.000,00	€ 326.000,00
158	GR-2008-1142024	TelMedOb - TeleMedicine for the treatment of Obesity with and without type 2 diabetes in out-patient settings	Gianluca Castelnuovo	Fondazione Istituto Auxologico Italiano	**11,83**	17,5	8	10	€ 588.000,00	€ 588.000,00
159	GR-2008-1135199	Experimental therapy of prion diseases: an intracellular antibody-based approach	vito antonio vetrugno	Istituto Superiore di Sanita'	**11,83**	14	9	12,5	€ 581.400,00	€ 311.400,00
160	GR-2008-1141796	Role of Mast cell and regulatory T cells cross-talk in the development of tumor and autoimmune diseases	Giorgia Gri	Friuli-Venezia Giulia	**11,83**	10	13,5	12	€ 646.700,00	€ 596.700,00
161	GR-2008-1137928	Impact of stimulating alternative ventricular sites for standard pacing to prevent further ventricular failure in patients with mild left ventricular dysfunction	Giorgia Paoli	Emilia-Romagna	**11,83**	12,5	9,5	13,5	€ 763.400,00	€ 576.400,00
162	GR-2008-1142412	VITAMIN D EFFECT ON T LYMPHOCYTES, ON MONOCYTES/MACROPHAGES AND OSTEOCLASTOGENESIS IN RHEUMAOID ARTHRITIS	Patrizia D'Amelio	Piemonte	**12,00**	13,5	8,5	14	€ 377.000,00	€ 175.000,00

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163	GR-2008-1143284	Identification of new gamma-glutamyl transpeptidase inhibitors and bacterial production of gamma-glutamyl compounds for the selective use in chemotherapy	Immacolata Castellano	Campania	**12,00**	19,5	7	9,5	€ 900.000,00	€ 500.000,00
164	GR-2008-1143616	Development and test of portable devices for quality controls of diagnostic X ray beams	leonardo abbene	Sicilia	**12,00**	12	5	19	€ 895.000,00	€ 475.000,00
165	GR-2008-1146981	ENDOTHELIAL DYSFUNCTION AND CARDIOVASCULAR RISK FACTORS IN HIV-POSITIVE PATIENTS UNDER HAART	Katleen de Gaetano Donati	Molise	**12,00**	15	9	12	€ 720.500,00	€ 599.500,00
166	GR-2008-1135399	Point mutations in Human DNA Topoisomerase I that induce drug resistence: a prospective study	Carmen Losasso	IRCCS Centro di Riferimento Oncologico della Basilicata (CROB)	**12,00**	7	10	19	€ 600.000,00	€ 600.000,00
167	GR-2008-1139646	Design, fabrication and characterization of an electrospun bioresorbable heart valve prosthesis for cardiovascular tissue engineering	Costantino Del Gaudio	Istituto Superiore di Sanita'	**12,17**	12	15,5	9	€ 600.000,00	€ 600.000,00
168	GR-2008-1136372	Role of the scaffold molecule KSR2 in hyperinsulinemia and immune cell deficiency associated to obesity: studies in mice models and humans	Emanuele Giurisato	Toscana	**12,17**	11	11	14,5	€ 594.000,00	€ 554.000,00
169	GR-2008-1142945	The effect of air pollution on brain activities evidenced by two non-invasive neuroimaging techniques.	Raffaella Franciotti	Abruzzo	**12,17**	13	9,5	14	€ 524.000,00	€ 440.000,00
170	GR-2008-1145904	Relationship between motor behaviour and neuropsychological profile in autistic spectrum disorders: new basis for developing appropriate home, school, work and entertainment settings	Romildo Don	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**12,17**	13	11,5	12	€ 547.000,00	€ 327.000,00
171	GR-2008-1142736	EEG MARKERS PREDICTIVE OF ALZHEIMER S DEMENTIA IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT	Vito Davide Moretti	Centro San Giovanni di Dio - Fatebenefratelli	**12,17**	19	10	7,5	€ 600.000,00	€ 500.000,00
172	GR-2008-1137861	A new technique for non-invasive monitoring of heart failure	VINCENZO GEMIGNANI	Toscana	**12,17**	17	5	14,5	€ 805.000,00	€ 575.000,00
173	GR-2008-1135683	Role of IL-21 and IL-23 in the pathogenesis of acute graft-versus-host disease after allogenic bone marrow transplantation	Flavio Andrea Caprioli	Ospedale Maggiore	**12,17**	20	8	8,5	€ 829.566,00	€ 598.888,00

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174	GR-2008-1136603	Pro-angiogenic and tumor activity of Dbl expressed in epithelial cells: search for diagnostic markers and therapeutic targets for carcinoma.	Cristina Vanni	Istituto "Giannina Gaslini"	**12,33**	15	7	15	€ 500.500,00	€ 445.500,00
175	GR-2008-1145201	Role of IL-23 and IL-27 in the control of human B cell malignancies	Claudia Cocco	Istituto "Giannina Gaslini"	**12,33**	9	15	13	€ 600.000,00	€ 600.000,00
176	GR-2008-1136810	Role of abscisic acid (ABA) in the pathogenesis of type 2 diabetes and atherosclerosis and development of anti-ABA drugs	Santina Bruzzone	Liguria	**12,33**	13	18	6	€ 883.160,00	€ 603.200,00
177	GR-2008-1143934	New strategies for craniofacial tissue engineering	Vincenzo D'Antò	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**12,33**	14	8,5	14,5	€ 562.000,00	€ 502.000,00
178	GR-2008-1136176	GSS linked to P102L mutation in the PRNP gene: founder effect and phenotype variability	Anna Poleggi	Istituto Superiore di Sanita'	**12,33**	14	15	8	€ 521.822,00	€ 343.262,00
179	GR-2008-1137597	Mechanisms of learning and memory deficits induced by 3,4-methylendioxymethamphetanine (Ecstasy)	Carla Letizia Busceti	Istituto Neurologico Mediterraneo Neuromed	**12,33**	12	13	12	€ 360.000,00	€ 300.000,00
180	GR-2008-1137179	SOCIAL ADVERSITY, ENDOCANNABINOID SYSTEM, COGNITION AND PSYCHOSIS ONSET	Paolo Fusar-Poli	Fondazione Centro San Raffaele del Monte Tabor	**12,33**	18,5	7	11,5	€ 648.000,00	€ 600.000,00
181	GR-2008-1137757	USE OF DIAZOXIDE AND mTOR ACTIVATORS FOR TREATMENT OF FRIEDREICH'S ATAXIA	CARLO MARYA THOMAS MAROBBIO	Ospedale Generale Regionale "Casa Sollievo della Sofferenza"	**12,33**	10	13	14	€ 400.000,00	€ 300.000,00
182	GR-2008-1143958	Role of leukocyte telomere length and CD34+ hematopoietic precursor telomerase activity in the pathogenesis of cellular senescence in diabetic nephropathy.	Alessandra Dei Cas	Emilia-Romagna	**12,33**	19	9	9	€ 529.402,00	€ 363.120,00
183	GR-2008-1138127	Protective mechanisms of selective head cooling during cardiopulmonary resuscitation	Giuseppe Ristagno	IRCCS Policlinico San Donato	**12,33**	11	7	19	€ 984.000,00	€ 758.000,00
184	GR-2008-1145905	Targeting miRNAs to fight the clinical consequences of Williams Beuren syndrome	Giuseppe Merla	Ospedale Generale Regionale "Casa Sollievo della Sofferenza"	**12,33**	11	11	15	€ 433.000,00	€ 349.000,00

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185	GR-2008-1142860	Effect of plasma uric acid on oxidative stress, insulin sensitivity, endothelial function and inflammation in obesity	Elisa Fabbrini	Istituto San Raffaele Pisana	**12,33**	17	9,5	10,5	€ 809.000,00	€ 361.800,00
186	GR-2008-1142664	Interazione tra fattori ambientali e genetici nella Sclerosi Multipla: Creazione di un modello per la valutazione del rischio individuale	Eleonora Cocco	Sardegna	**12,33**	17,5	5	14,5	€ 930.000,00	€ 600.000,00
187	GR-2008-1145961	Nuovi approcci nella terapia antitumorale mediante utilizzo di nanotubi di carbonio	Tatiana Da Ros	Centro di Riferimento Oncologico	**12,50**	9,5	10	18	€ 730.000,00	€ 500.000,00
188	GR-2008-1144207	The role of bone marrow stromal cells as vascular organizers	ALESSIA FUNARI	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**12,50**	18,5	14	5	€ 407.000,00	€ 407.000,00
189	GR-2008-1141211	Identification of myogenic precursor cells in regenerating skeletal muscle for the cell therapy of the muscular dystrophy.	angela trovato salinaro	Istituto Neurologico Mediterraneo Neuromed	**12,50**	6,5	9	22	€ 800.000,00	€ 525.000,00
190	GR-2008-1136968	Molecular genetics of tumor angiogenesis using the zebrafish vertebrate model	massimo santoro	Piemonte	**12,50**	11	11,5	15	€ 450.000,00	€ 330.000,00
191	GR-2008-1141284	MALDI IMAGING IN BREAST CANCER RESEARCH	Andrea Armirotti	Istituto Nazionale per la Ricerca sul Cancro	**12,50**	14,5	13	10	€ 594.000,00	€ 554.000,00
192	GR-2008-1136020	Identification of diagnostic and therapeutic targets for Nucleotide Excision Repair defective syndromes.	Mariarosaria D'Errico	Istituto Superiore di Sanita'	**12,50**	11	10,5	16	€ 1.343.720,00	€ 560.000,00
193	GR-2008-1145599	Emerging zoonoses and climate changes: the role of climate change and diffusion of leishmaniasis in Italy.	Antonella Migliazzo	Istituto Zooprofilattico Sperimentale della Sicilia	**12,50**	5	20	12,5	€ 498.000,00	€ 423.000,00
194	GR-2008-1143748	THE EFFECTS OF SLEEP LOSS AND NAPPING SCHEDULE ON EXECUTIVE FUNCTIONS IN MEDICAL RESIDENTS	giuseppe curcio	Agenzia per i Servizi Sanitari Regionali	**12,50**	11	11	15,5	€ 599.550,00	€ 490.050,00

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195	GR-2008-1143458	Mineralocorticoid Receptor Regulation of ICAM1 and Leukocyte Adhesion to Human Endothelial Cells: Mechanism and In Vivo Role in Atherosclerosis	Massimiliano Caprio	Istituto San Raffaele Pisana	**12,50**	10	12	15,5	€ 805.398,00	€ 490.215,00
196	GR-2008-1140338	Contextual effects in spatial attention: from neurophysiology to neurorehabilitation	Emiliano Macaluso	Fondazione Santa Lucia	**12,50**	15,5	10	12	€ 1.034.000,00	€ 502.000,00
197	GR-2008-1142253	Role of matricellular proteins SPARC and OPN in inflammation and in related carcinoma and B cells lymphoma	Sabina Sangaletti	Fondazione IRCCS Istituto Nazionale dei Tumori	**12,50**	9	18	10,5	€ 584.100,00	€ 401.500,00
198	GR-2008-1143668	Non-invasive brain stimulation: a new tool to improve cognitive and motor rehabilitation after stroke	Nadia Bolognini	Fondazione Istituto Auxologico Italiano	**12,50**	12,5	13,5	11,5	€ 519.500,00	€ 196.500,00
199	GR-2008-1137513	Advanced diagnostics and adoptive immunotherapy for viral infections in hemopoietic stem cell and solid organ transplant paediatric recipients	Luisa Barzon	Veneto	**12,50**	13,5	11	13	€ 1.531.150,00	€ 410.000,00
200	GR-2008-1137800	ROLE OF PHOSPHOINOSITIDE 3-KINASE GAMMA AND INFLAMMATION IN HEART FAILURE	Cinzia Perrino	Istituto Neurologico Mediterraneo Neuromed	**12,50**	12	13	0	€ 600.000,00	€ 525.000,00
201	GR-2008-1136102	General anesthesia versus local anesthesia for percutaneous aortic valve implantation: a multicentre, randomized trial	REMO DANIEL COVELLO	Fondazione Centro San Raffaele del Monte Tabor	**12,50**	11	19	7,5	€ 486.000,00	€ 321.000,00
202	GR-2008-1141698	Study of the genetic determinants of inflammatory biomarkers and their potential use as predictive indicators of atherosclerosis and cardiovascular adverse outcomes	Silvia Naitza	Agenzia per i Servizi Sanitari Regionali	**12,50**	13,5	11,5	12,5	€ 631.000,00	€ 571.000,00
203	GR-2008-1138912	Mechanism of T cell priming by dendritic cells: impact on immunodeficiencies and cancer therapy	Federica Benvenuti	Friuli-Venezia Giulia	**12,50**	17	12,5	8	€ 601.530,00	€ 400.730,00
204	GR-2008-1134478	Investigating the molecular mechanisms leading to genome instability in tumours: role of the replication stress response pathway and its potential for early diagnosis and target therapy of cancer	Pietro Pichierri	Istituto Superiore di Sanita'	**12,67**	9	12	17	€ 1.161.000,00	€ 598.000,00

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205	GR-2008-1143251	A novel and non invasive insulin administration route	Marzia Bedoni	Fondazione Don Carlo Gnocchi Onlus	**12,67**	16	12	10	€ 743.000,00	€ 480.000,00
206	GR-2008-1141552	Mapping of human DNA replication origins and study of their regulation in normal and cancer cells	Gaetano Ivan Dellino	Istituto Europeo di Oncologia	**12,67**	9	20	9	€ 652.222,00	€ 585.556,00
207	GR-2008-1142988	The immuno-biological mechanisms behind pregnancy: how they can induce spontaneous remission in multiple sclerosis	Francesca Gilli	Piemonte	**12,67**	8	17,5	12,5	€ 600.000,00	€ 494.000,00
208	GR-2008-1143503	Role of the heparanase/heparan suphate system as therapeutic target in pediatric sarcomas	giuliana cassinelli	Fondazione IRCCS Istituto Nazionale dei Tumori	**12,67**	7	14	17	€ 641.300,00	€ 370.700,00
209	GR-2008-1141856	Large scale study to evaluate the incidence and role of Mycobacterium avium subsp. paratuberculosis in Crohn s disease and Type 1 diabetes mellitus	Valentina Rosu	Sardegna	**12,67**	17	14	7	€ 585.000,00	€ 585.000,00
210	GR-2008-1135011	Effectiveness and tolerability of long-acting risperidone versus long-acting perphenazine in subjects with schizophrenia	Andrea Cipriani	Veneto	**12,67**	8,5	15,5	14	€ 470.000,00	€ 365.000,00
211	GR-2008-1135879	Genomic approaches to treating Respiratory Infections	Alessandra Bragonzi	Fondazione Centro San Raffaele del Monte Tabor	**12,75**	12	13,5	0	€ 720.000,00	€ 560.000,00
212	GR-2008-1142591	Nicotine Acetylcholine Receptor Variants: Implication for Understanding, Preventing and Treating Tobacco Addiction.	Laura Paleari	Istituto Nazionale per la Ricerca sul Cancro	**12,75**	14	11,5	0	€ 1.332.800,00	€ 461.440,00
213	GR-2008-1142306	Serum insulin-like growth factor-I and breast cancer penetrance in BRCA mutation carriers	Patrizia Pasanisi	Fondazione IRCCS Istituto Nazionale dei Tumori	**12,83**	15	15,5	8	€ 391.875,00	€ 319.000,00
214	GR-2008-1134669	Toll-like receptors in chronic B cell malignancies	Marta Muzio	Fondazione Centro San Raffaele del Monte Tabor	**12,83**	15	8	15,5	€ 845.000,00	€ 600.000,00
215	GR-2008-1135334	Development and Validation of Neuroimaging Markers of Alzheimer's Disease in Animal and Human Research	Marina Boccardi	Centro San Giovanni di Dio - Fatebenefratelli	**12,83**	14,5	9	15	€ 1.340.000,00	€ 600.000,00

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216	GR-2008-1135753	Diabetic wound healing: analysis of functional alterations and identification of new therapeutic targets for diabetic ulcer treatment	francesca cianfarani	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**12,83**	9,5	16	13	€ 927.800,00	€ 590.000,00
217	GR-2008-1136012	Impact of Obesity on Cardiovascular Disease: Role of Innate Immunity, Inflammation and Oxidative Stress	Manfredi Tesauro	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**12,83**	16,5	10	12	€ 714.450,00	€ 394.450,00
218	GR-2008-1135772	Artificial Neural Network in development of Innovative Diagnostic systems for Atherosclerotic disease: the ANN-IDA project	Mauro Amato	Centro Cardiologico Monzino	**12,83**	13	9,5	16	€ 546.896,74	€ 513.990,49
219	GR-2008-1142598	Study of human exposure to dioxins in selected populations living in Campania by measuring the internal dose and selected blood protein biomarkers for the evaluation of dose-response relationship	Livia Malorni	Istituto Zooprofilattico Sperimentale del Mezzogiorno	**13,00**	7	16	16	€ 790.000,00	€ 450.000,00
220	GR-2008-1141783	Molecular characterization of atypical phenotypes in facioscapulohumeral muscular dystrophy towards the identification of genetic modifiers	Emanuela Bonifazi	Emilia-Romagna	**13,00**	14,5	11,5	0	€ 560.000,00	€ 500.000,00
221	GR-2008-1134107	Post-Menopausal Women s Health Network: A Novel Approach to Proactive Prevention and to Research for Chronic Disease	Tiziana Montalcini	Calabria	**13,00**	14	11	14	€ 1.140.500,00	€ 577.500,00
222	GR-2008-1142515	The risk/benefit impact of diet-derived estrogenic compounds in breast cancer initiation, progression, and susceptibility.	Filippo Acconcia	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana	**13,00**	15,5	13	10,5	€ 1.037.000,00	€ 600.000,00
223	GR-2008-1137153	Development of a tobacco derived canine Leishmania vaccine based on chimeric plant virus particles	Luca Santi	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana	**13,00**	16	9	14	€ 1.250.000,00	€ 588.000,00

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224	GR-2008-1141415	Efficacy and safety of novel vaccines for Alzheimer's Disease.	Emanuela Esposito	IRCCS Centro Neurolesi "Bonino Pulejo"	**13,00**	9	17	13	€ 858.000,00	€ 600.000,00
225	GR-2008-1134870	Targeting the limitless replicative potential of cancer: the telomerase/telomere pathway	Annamaria Biroccio	Istituto Regina Elena	**13,00**	9	13,5	16,5	€ 1.365.000,00	€ 500.000,00
226	GR-2008-1143231	Sudden unexpected infant and perinatal death: a new anatomo-pathological, clinical and genetic multidisciplinary approach.	Giulia Ottaviani	Ospedale Maggiore	**13,00**	12	11,5	15,5	€ 588.450,00	€ 431.500,00
227	GR-2008-1144341	An innovative VLP-based biotechnological platform for the development of vaccines against viral diseases	claudia muratori	Istituto Superiore di Sanita'	**13,17**	9	19,5	11	€ 1.285.000,00	€ 540.000,00
228	GR-2008-1139683	Integrating psychotherapy for borderline personality disorder with general psychiatric care: a randomized, three-groups practical trial of transference-focused psychotherapy, cognitive-behavior therapy and treatment as usual	Chiara De Panfilis	Emilia-Romagna	**13,17**	9,5	14	16	€ 876.281,00	€ 599.208,00
229	GR-2008-1142617	Therapeutical approach to hereditary neuropathies: bringing the results of experimental experience to the bedside	Lucilla Nobbio	Liguria	**13,17**	12,5	8,5	18,5	€ 1.281.108,00	€ 600.000,00
230	GR-2008-1145650	Reward systems in children and adolescents with asperger syndrome: a neuroimaging study	Luigi Mazzone	IRCCS Centro Neurolesi "Bonino Pulejo"	**13,17**	14	13	12,5	€ 1.139.000,00	€ 544.000,00
231	GR-2008-1133819	Preferentially Expressed Antigen of Melanoma (PRAME) as molecular marker and immunotherapeutic target to improve a disease free-survival in patients with Non-Hodgkin's Lymphoma .	Concetta Quintarelli	Campania	**13,17**	13	10,5	16	€ 1.158.000,00	€ 594.000,00
232	GR-2008-1139217	Impact of phosphatonins on bone mineralization	Sabina Sorace	Toscana	**13,17**	13,5	5	21	€ 471.350,00	€ 222.850,00
233	GR-2008-1146769	Evaluation of the adjuvancy capability of Vgamma9Vdelta2 T cells in the induction of dendritic cell mediated HIV-specific immune response	Alessandra Sacchi	Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani	**13,33**	16	12	12	€ 773.000,00	€ 578.000,00

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234	GR-2008-1145848	Endoscopic ultrasound fine needle aspirate DNA analysis of pancreatic masses: increasing diagnostic accuracy and defining prognostic factors to improve survivals rate of panceatic cancer	Alessandro Lavagna	Piemonte	**13,33**	15,5	13	11,5	€ 480.000,00	€ 400.000,00
235	GR-2008-1138704	synaptic gene expression in the epileptic brain	carolina cefaliello	Campania	**13,33**	15,5	18,5	6	€ 488.500,00	€ 460.000,00
236	GR-2008-1143161	3D movement analysis in virtual reality environments: new technologies for the investigation, evaluation and treatment of neurological disorders.	Francesco Menegoni	Fondazione Istituto Auxologico Italiano	**13,33**	12,5	9,5	18	€ 878.946,00	€ 553.190,00
237	GR-2008-1145612	The Role of Peripheral Blood Mononuclear Cell Infection by Hepatitis C Virus as Determinant of Liver Disease Progression in Children with Chronic Infection by Hepatitis C Virus	Giuseppe Indolfi	Toscana	**13,33**	12	19	9	€ 1.300.000,00	€ 600.000,00
238	GR-2008-1143753	Neuro-rehabilitation of post-stroke neglect by non invasive cortical stimulation.	Giacomo Koch	Fondazione Santa Lucia	**13,33**	8	21	11	€ 598.000,00	€ 518.000,00
239	GR-2008-1137694	What the past holds for the present and future of hepatology: a population-based longitudinal study of the impact of chronic viral hepatitis and autoimmune liver disease in a northern Italian region	CARLO SELMI	Istituto Clinico Humanitas	**13,50**	23,5	8	9	€ 354.000,00	€ 330.000,00
240	GR-2008-1135644	Innovative diagnostic approach and molecular definition of Merkel cell carcinoma	sofia asioli	Fondazione IRCCS Istituto Nazionale dei Tumori	**13,50**	16,5	12	12	€ 590.600,00	€ 381.000,00
241	GR-2008-1134137	Magnetic Resonance Imaging In Patients With Active Implantable Medical Devices: Definition Of Safety Conditions And Procedures	Eugenio Mattei	Istituto Superiore di Sanita'	**13,50**	14,5	16	10	€ 738.500,00	€ 518.000,00
242	GR-2008-1141977	Generation of neuronal cellular models from PKAN patients' fibroblasts for the study of iron homeostasis alteration.	alessandro campanella	Fondazione Centro San Raffaele del Monte Tabor	**13,50**	13	15	12,5	€ 570.000,00	€ 540.000,00
243	GR-2008-1140367	GENERATION AND TRANSPLANTATION OF GENETICALLY ENGINEERED NEURAL STEM CELLS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS	Gloria Invernici	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**13,50**	17	10	0	€ 652.762,00	€ 326.380,00

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244	GR-2008-1145323	A new strategy to prevent and cure breast cancer: targeting signals evoked by the receptor tyrosine kinase Fms	Elisabetta Rovida	Fondazione IRCCS Istituto Nazionale dei Tumori	**13,50**	15	17,5	8	€ 352.000,00	€ 352.000,00
245	GR-2008-1137962	Myocarditis: Identification of the causes and mechanisms of myocardial damage and tailored treatment based on the virologic and immunologic profile.	Cristina Chimenti	Istituto San Raffaele Pisana	**13,50**	17,5	17,5	5,5	€ 720.000,00	€ 513.000,00
246	GR-2008-1143347	Prevention of cardio-cerebrovascular disease. Role of new factors in the risk assessment: family history of premature events and obesity	Chiara Donfrancesco	Istituto Superiore di Sanita'	**13,50**	13	14,5	13	€ 776.077,00	€ 599.600,00
247	GR-2008-1135491	Redox proteomics for the identification of novel mechanicistic and diagnostic markers of human heart failure: focus on oxidatively modified proteins	Maura Brioschi	Centro Cardiologico Monzino	**13,67**	16	9	16	€ 694.920,00	€ 525.000,00
248	GR-2008-1144206	TARGETED DELIVERY OF DRUGS FOR THE TREATMENT OF TEMPORAL LOBE EPILEPSY.	Donatella Paolino	Calabria	**13,67**	21	9	11	€ 824.426,00	€ 500.000,00
249	GR-2008-1145168	OXIDATIVE STRESS IN DIALYSIS (OXISTRED)	BELINDA GILDA SPOTO	Calabria	**13,67**	14	14	13	€ 752.000,00	€ 600.000,00
250	GR-2008-1146042	Brain-Computer Interfaces to support individual autonomy: transfer to rehabilitation context	Febo Cincotti	Fondazione Santa Lucia	**13,67**	9	9	23	€ 762.908,00	€ 420.000,00
251	GR-2008-1133654	Knocking down inflammation in mammary carcinogenesis: a new target for breast cancer therapy	Claudia Chiodoni	Fondazione IRCCS Istituto Nazionale dei Tumori	**13,67**	8,5	12	20,5	€ 634.370,00	€ 434.170,00
252	GR-2008-1142077	RARE INHERITED DISORDERS OF HDL METABOLISM: FROM MOLECULAR DIAGNOSIS TO THERAPEUTIC DEVELOPMENT	Ivano Eberini	Regione Lombardia - Direzione Generale Sanità	**13,67**	19	14	8	€ 730.000,00	€ 510.000,00
253	GR-2008-1133929	A phylogenetic and pathogenetic study on betanodavirus, the causative agent of viral encephalo-retinopathy, in wild and cultured fish with development of prophylactic measures by means of passive immunization and DNA vaccination.	daniele macrì	Istituto Zooprofilattico Sperimentale della Sicilia	**13,75**	14,5	13	0	€ 595.600,00	€ 406.000,00

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254	GR-2008-1141430	The emerging problem of Sickle Cell Disease (SCD): a global strategy for the implementation of comprehensive care to children with SCD in the Veneto Region	Raffaella Colombatti	Veneto	**13,75**	17,5	10	0	€ 598.480,00	€ 432.480,00
255	GR-2008-1141470	DEVELOPMENT OF INNOVATIVE AND NON-INVASIVE STRATEGIES FOR PRE-FERTILIZATION, PRE-IMPLANTATION AND PRENATAL DIAGNOSIS	MONICA BORGATTI	Emilia-Romagna	**13,75**	16	11,5	0	€ 576.893,40	€ 500.000,00
256	GR-2008-1143640	Role of BAG3 protein in thyroid cancer	Alessandra Rosati	Campania	**13,83**	11,5	20,5	9,5	€ 792.000,00	€ 600.000,00
257	GR-2008-1144962	Functional Magnetic Resonance Imaging of the human spinal cord: development and application to the study of spinal pain modulation	Federico Giove	Fondazione Santa Lucia	**13,83**	12	12,5	17	€ 737.500,00	€ 597.500,00
258	GR-2008-1137633	STANDARDIZATION AT THE REGIONAL AND NATIONAL LEVEL OF MOLECULAR DIAGNOSTIC ASSAYS ALLOWING THE APPROPRIATE SELECTION AND THE OPTIMIZATION OF TARGETED THERAPIES WITH TYROSINE KINASE INHIBITORS IN PATIENTS WITH ACUTE AND CHRONIC LEUKEMIAS	Simona Soverini	Emilia-Romagna	**13,83**	8	15	18,5	€ 460.000,00	€ 335.000,00
259	GR-2008-1139092	Oncolyitc herpesvirus vector for liver cancer	elena berto	Emilia-Romagna	**13,83**	13	15	13,5	€ 324.000,00	€ 324.000,00
260	GR-2008-1137927	An integrated approach to unravel the mechanisms of pathogenesis in uromodulin-associated renal cystic disorders	Luca Rampoldi	Fondazione Centro San Raffaele del Monte Tabor	**13,83**	8,5	10	23	€ 600.000,00	€ 520.000,00
261	GR-2008-1144373	Extracellular matrix remodelling and fibrosis in skeletal muscle dystrophies: a systems biology approach.	Antonella Bongiovanni	Associazione Oasi Maria SS.	**14,00**	6	8	28	€ 995.000,00	€ 595.000,00
262	GR-2008-1139903	Temporal changes in persistent organic pollutant levels in human tissues: concentration trend monitoring in a highly industrialized Italian area.	Roberto Bergonzi	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**14,00**	13	15	14	€ 303.000,00	€ 303.000,00
263	GR-2008-1140255	A "two steps" drug discovery strategy against human bone diseases	Massimo Mariotti	IRCCS Istituto Ortopedico Galeazzi	**14,00**	12,5	10,5	19	€ 561.000,00	€ 494.000,00

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264	GR-2008-1140768	The challenge of therapy in neonatal seizures: traditional and new anticonvulsants	Licia Lugli	Emilia-Romagna	**14,00**	13,5	14,5	0	€ 250.000,00	€ 220.000,00
265	GR-2008-1141833	Atherosclerotic burden estimation through peripheral blood cell analysis: a new approach	Mariarita Puntoni	Toscana	**14,00**	11	17,5	13,5	€ 599.000,00	€ 549.500,00
266	GR-2008-1143773	Combined therapy of neuroblastoma by cytokines, antibodies and new anticancer compounds	Michela Croce	Istituto Nazionale per la Ricerca sul Cancro	**14,00**	11	17	0	€ 880.914,00	€ 600.000,00
267	GR-2008-1144633	Glucose Monitoring by Minimally Invasive Extraction of Dermal Intertitial Fluid Using Microneedles	Giuseppe Barillaro	Toscana	**14,00**	27,5	5	9,5	€ 580.000,00	€ 470.000,00
268	GR-2008-1133544	Multifunctional nanoparticle therapeutics as new treatment modality for cancer.	Anna Calarco	Campania	**14,00**	16,5	14	11,5	€ 683.500,00	€ 486.500,00
269	GR-2008-1138048	Development of RNA interference-based innovative therapeutic approaches against influenza virus infections, targeting the anti-interferon NS1 viral gene product: the making of a new weaponry to face the threat of pandemic Flu	Simona Puzelli	Istituto Superiore di Sanita'	**14,00**	16	10	16	€ 955.850,00	€ 597.850,00
270	GR-2008-1133604	Adiposity of the heart: a possible role of epicardial fat and intramyocardial lipid accumulation and their relationship in obesity-specific cardiomyopathy	Alexis Elias Malavazos	IRCCS Policlinico San Donato	**14,17**	15,5	15	12	€ 881.000,00	€ 436.000,00
271	GR-2008-1137890	Environmental xenobiotics and human reproductive disruption: possible relations with preconceptional prevention of mental handicap	Anna Tropea	Associazione Oasi Maria SS.	**14,17**	10,5	6,5	25,5	€ 805.000,00	€ 490.000,00
272	GR-2008-1134871	Epidemiological evaluation of health status, drug prescriptions and pediatric care in the Italian pediatric population	Antonio Clavenna	Regione Lombardia - Direzione Generale Sanità	**14,17**	19,5	15	8	€ 765.700,00	€ 555.500,00
273	GR-2008-1138913	The role of iron handling by macrophages in the repair of muscle damage: relevance to muscle disorders	Laura Silvestri	Fondazione Centro San Raffaele del Monte Tabor	**14,17**	12	14	16,5	€ 551.000,00	€ 500.000,00

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274	GR-2008-1142715	NOVEL PHAGE DISPLAY-DERIVED PEPTIDES FOR TUMOR- AND VASCULAR-TARGETED THERAPIES AGAINST NEUROBLASTOMA	Fabio Pastorino	Istituto "Giannina Gaslini"	**14,17**	11,5	19	12	€ 743.580,00	€ 462.780,00
275	GR-2008-1143366	New players in melanoma progression: microRNAs and exosomes.	Federica Felicetti	Istituto Superiore di Sanita'	**14,17**	8,5	21	13	€ 850.000,00	€ 450.000,00
276	GR-2008-1146200	Collagen-specific T cell receptor repertoire and bacterial peptide molecular mimicry in rheumatoid arthritis	Maria De Santis	Ospedale Pediatrico Bambino Gesu	**14,17**	15	5	22,5	€ 619.000,00	€ 539.000,00
277	GR-2008-1139138	STEREO-EEG STUDY OF THE INFLUENCE OF PRIMARY AND NOT-PRIMARY MOTOR AREAS ON EMG AND KINEMATIC CHARACTERISTICS OF VOLUNTARY GRASPING IN HUMANS	Elena Gardella	Regione Lombardia - Direzione Generale Sanità	**14,17**	18,5	9	15	€ 379.444,00	€ 319.444,00
278	GR-2008-1137114	Development and Assessment of Advanced Microwave Imaging Techniques and Systems for Early Breast Cancer Diagnosis and Screening	MASSIMO DONELLI	Provincia autonoma Trento	**14,17**	13	21	8,5	€ 750.870,00	€ 507.087,00
279	GR-2008-1142925	Identification of the neuropsychological, morpho-structural and biochemical markers of focal dementia. Investigation of the impact of language rehabilitation on brain plasticity.	Simona Luzzi	Marche	**14,17**	18	15	9,5	€ 560.000,00	€ 330.000,00
280	GR-2008-1137851	Identification and validation of clinical diagnostic criteria for risk stratification of non-traumatic headaches in Emergency Department (DIACEF_PS Project), and clinical pathway for the patient dismissed from ED with a primary headache (PERCEF_ID Project	Sabina Cevoli	Emilia-Romagna	**14,17**	8	19,5	15	€ 12.854.230,00	€ 590.000,00
281	GR-2008-1137695	Role of adult neurogenesis in hippocampus-dependent memory processes, depression and neurodegeneration. Study of molecular mechanisms regulating the maturation of hippocampal newborn neurons.	Stefano Farioli Vecchioli	Fondazione Santa Lucia	**14,17**	10	9,5	23	€ 603.000,00	€ 403.000,00
282	GR-2008-1135552	Evaluation of a clinical and genetic protocol for the diagnosis of autism spectrum disorders (ASDs)	Elena Bacchelli	Fondazione Stella Maris	**14,17**	19	15	8,5	€ 582.000,00	€ 512.000,00

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283	GR-2008-1136585	CIRCULATING OSTEOBLASTS FOR BONE REGENERATION	Francesco Grassi	Istituti Ortopedici Rizzoli	**14,33**	8,5	18,5	16	€ 939.214,00	€ 570.500,00
284	GR-2008-1145041	Coated Magnetic Nanoparticles of Tailored Size for Diagnostic and Treatment of Advanced and Metastatic Neoplastic Disease	Claudio Evangelisti	Toscana	**14,33**	10	13,5	19,5	€ 530.000,00	€ 365.000,00
285	GR-2008-1143574	Functional evaluation of CFTR in blood leukocytes in human subjects as a new tool for diagnostic and clinical research applications.	Chiara Angiari	Veneto	**14,33**	14	12	17	€ 1.021.000,00	€ 446.250,00
286	GR-2008-1136618	Translational Approach to Chronic Epilepsy (TRACE): cross-talk between NMDA and inflammatory pathways in the epileptogenic malformed brain	Francesca Colciaghi	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**14,33**	11	18	14	€ 958.554,00	€ 589.700,00
287	GR-2008-1137655	Crosstalk between DNA damage response and senescence: new molecular aspects of an early barrier to tumorigenesis.	Giacomo Buscemi	Fondazione IRCCS Istituto Nazionale dei Tumori	**14,33**	13,5	17	12,5	€ 544.500,00	€ 445.500,00
288	GR-2008-1137776	Biological relevance of microRNAs shuttled by circulating microvesicles in acute and chronic renal failure	Vincenzo Cantaluppi	Piemonte	**14,33**	18	15,5	9,5	€ 450.000,00	€ 450.000,00
289	GR-2008-1145541	IDENTIFICATION OF NEW URINARY BIOMARKERS FOR EARLY DIAGNOSIS AND PROGRESSION OF IgAN	Maria Teresa Rocchetti	Puglia	**14,33**	9	19,5	14,5	€ 361.000,00	€ 311.000,00
290	GR-2008-1139192	MOLECULAR BASIS AND PHENOTYPIC EXPRESSION OF PRIMARY SEVERE HYPERTRIGLYCERIDEMIA	TOMMASO FASANO	Emilia-Romagna	**14,33**	25	11	7	€ 568.000,00	€ 400.000,00
291	GR-2008-1145856	Therapeutic potential of adipose tissue-derived Mesenchymal Stem Cells in a diabetic model of cardiomyopathy and hindlimb ischemia	Rosalinda Madonna	Abruzzo	**14,33**	15	20	8	€ 636.305,00	€ 573.929,00
292	GR-2008-1142850	Role of NGF in modulating adult neurogenesis in AD models: towards a cell-based therapy for Alzheimer disease	raffaella scardigli	Istituto Superiore di Sanita'	**14,33**	19	10	14	€ 600.000,00	€ 579.000,00
293	GR-2008-1145764	Relevance of grey matter pathology and cortical reorganization in Multiple Sclerosis	Antonio Giorgio	IRCCS Centro Neurolesi "Bonino Pulejo"	**14,50**	11	18	0	€ 545.000,00	€ 485.000,00

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294	GR-2008-1135708	Mental disturbances in Parkinson's Disease: from accurate diagnosis to treatment optimization	Laura Bonanni	Abruzzo	**14,50**	15	14,5	14	€ 735.562,00	€ 539.000,00
295	GR-2008-1136267	Role of calcium signaling in tumoral angiogenesis	Alessandra Fiorio Pla	Piemonte	**14,50**	10	24	9,5	€ 436.551,00	€ 302.658,00
296	GR-2008-1137475	Assessing short and long term comparative effectiveness of PCI vs CABG: an observational outcome study using administrative data	Paola D'Errigo	Istituto Superiore di Sanita'	**14,50**	16	12,5	15	€ 918.946,55	€ 599.996,40
297	GR-2008-1139083	Investigation of molecular mechanisms underlying the epigenetic programming of addictive behaviors and the genetic and environmental risk factors involved in these behaviors	valeria carola	Fondazione Santa Lucia	**14,50**	15	23,5	5	€ 515.297,00	€ 440.097,00
298	GR-2008-1138287	Open Blogspace Server (OBServer)	Luigi Lella	Marche	**14,50**	19	5	19,5	€ 649.994,40	€ 499.994,40
299	GR-2008-1139144	The vulnerable women heart: sex difference in the development of metabolic syndrome and cardiovascular disease on the way from obesity and identification of new instrumental and bioumoral markers for a more efficient preventive, diagnostic and therapeutic	Marika Massaro	Ospedale Generale Regionale "Casa Sollievo della Sofferenza"	**14,50**	18,5	16	9	€ 595.000,00	€ 485.000,00
300	GR-2008-1144495	Anaesthetic drug survey, nutritional assessment and possible predictive genetic factors to prevent cognitive dysfunctions and inflammation in old patients underwent to day surgery	Laura Costarelli	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**14,50**	10,5	22	11	€ 675.400,00	€ 600.000,00
301	GR-2008-1140500	Innovative assay for the measurement of protein translocation	Alessandro Rimessi	Emilia-Romagna	**14,50**	15	20,5	8	€ 529.345,00	€ 430.206,00
302	GR-2008-1142538	In vivo molecular imaging in stem cell therapy	Gabriele Toietta	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**14,50**	12	15	16,5	€ 600.000,00	€ 445.500,00
303	GR-2008-1142979	A multinational study of the EPidemiology, treatment and Outcome of Childhood Arthritis (EPOCA study)	giovanni filocamo	Istituto "Giannina Gaslini"	**14,50**	14	15	0	€ 655.300,00	€ 596.300,00

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304	GR-2008-1138049	Role of NGF signalling in designing molecular strategies for Alzheimer's disease	Giuseppina Amadoro	Fondazione Santa Lucia	**14,50**	12	16,5	15	€ 725.000,00	€ 436.800,00
305	GR-2008-1135883	GENETICS AND INFLUENZA VIRUS INFECTION: IMPACT ON DISEASE SEVERITY, THE RESPONSE TO INFLUENZA VACCINATION, AND THE EFFICACY OF ANTIVIRAL THERAPY IN CHILDHOOD	Susanna Esposito	Ospedale Maggiore	**14,50**	22	14,5	7	€ 1.916.540,00	€ 600.000,00
306	GR-2008-1133639	Transcranial stimulation - a new tool in cognitive neurorehabilitation: genomic, neurophysiological, and neuroimaging evidence	maria cotelli	Centro San Giovanni di Dio - Fatebenefratelli	**14,50**	10,5	13	20	€ 930.950,00	€ 554.950,00
307	GR-2008-1136382	Sviluppo di nuove metodologie diagnostiche	Matteo Gamberoni	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia	**14,50**	19	5	19,5	€ 570.000,00	€ 447.000,00
308	GR-2008-1146221	PARP Inhibitors in combination with metronomic chemotherapy in patients with triple negative breast cancers	Angela Esposito	Regione Lombardia - Direzione Generale Sanità	**14,67**	17,5	14,5	12	€ 493.900,00	€ 339.900,00
309	GR-2008-1134072	Mechanisms and circumvention of chemotherapy resistance in ovarian cancer: endothelin A receptor blockade for an effective targeted therapy	Laura Rosanò	Istituto Regina Elena	**14,67**	14,5	15	14,5	€ 895.000,00	€ 463.000,00
310	GR-2008-1140756	Improving diagnosis, serotyping and analysis of antibiotic resistance of Streptococcus pneumoniae with the use of molecular methods working directly on clinical samples	maria moriondo	Toscana	**14,67**	11,5	14	18,5	€ 1.038.000,00	€ 574.000,00
311	GR-2008-1144166	HUMAN WELL-BEING: A TWIN STUDY ON THE RELATION BETWEEN OPTIMAL PSYCHOLOGICAL AND BIOLOGICAL FUNCTIONING	Corrado Fagnani	Istituto Superiore di Sanita'	**14,67**	14	16	14	€ 852.000,00	€ 600.000,00
312	GR-2008-1139949	CpG and its anti-cancer effect in a mouse model of lung carcinoma: role of the immune-suppressive environment.	Rosalinda Sorrentino	Istituto Nazionale Tumori Fondazione G. Pascale	**14,67**	12	15	17	€ 413.685,00	€ 413.685,00

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313	GR-2008-1142113	Design and preparation of multifunctional smart nanoplatforms for triggering the apoptotic pathways of cancer cells	Cristina Satriano	Istituto Superiore di Sanita'	**14,67**	11,5	21	11,5	€ 530.000,00	€ 486.813,00
314	GR-2008-1144990	A national survey of cumulative effective dose from medical radiation exposure	Giovanni Di Leo	IRCCS Policlinico San Donato	**14,67**	14	15	15	€ 300.000,00	€ 300.000,00
315	GR-2008-1145915	Development of a robotic prosthesis of the upper limb controlled by the mental activity	Laura Astolfi	Fondazione Santa Lucia	**14,67**	11	14	19	€ 491.400,00	€ 343.400,00
316	GR-2008-1141504	HIV infection in patients aged > 50 years : an emerging disease. Characterization of the italian population and clinical, immunological and pharmacokinetics evaluations to improve patient management.	Mauro Andreotti	Istituto Superiore di Sanita'	**14,67**	13	20	11	€ 1.647.205,00	€ 590.700,00
317	GR-2008-1142076	Dietary behaviors in young women with chronic bowel diseases and their impact on bone mineral metabolism. Strategies for the promotion of a healthier diet in chronic bowel diseases and for the management of nutritional deficiencies.	Silvia Vai	Fondazione Istituto Auxologico Italiano	**14,67**	10,5	18,5	15	€ 665.730,00	€ 434.000,00
318	GR-2008-1137827	Epicardial stem cells for cardiac regeneration	Federica Limana	Centro Cardiologico Monzino	**14,67**	12	17	15	€ 728.000,00	€ 570.000,00
319	GR-2008-1139190	Targeting MDM4/MDM2 association: a new potential therapeutic approach to activate p53 oncosuppressive function in human cancer	Francesca Mancini	Fondazione Santa Lucia	**14,67**	9	20,5	14,5	€ 913.000,00	€ 580.000,00
320	GR-2008-1141576	A novel class of molecules against Gram-negative bacteria	Stefania Galdiero	Campania	**14,83**	14	8,5	22	€ 725.000,00	€ 500.000,00
321	GR-2008-1142584	Flavonoids and cancer risk	Marta Rossi	Provincia autonoma Trento	**14,83**	17,5	7	20	€ 880.000,00	€ 320.000,00
322	GR-2008-1145659	Periodontal diseases as emergent systemic pathology: development of a new clinical setting for patient health care	Graziani Filippo	Toscana	**14,83**	11	27	6,5	€ 686.680,00	€ 599.830,00
323	GR-2008-1134032	ENDOPLASMIC RETICULUM STRESS AS A NEW DETERMINANT OF DIABETIC FOOT ULCERS. EVALUATING A NEW RATIONAL THERAPEUTIC APPROACH BASED ON CHEMICAL CHAPERONES.	dario lofrumento	Puglia	**14,83**	24	8	12,5	€ 468.000,00	€ 387.000,00

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324	GR-2008-1145793	Nanodevices of new genaration for antineoplastic therapy	Gerardino D'errico	Campania	**14,83**	20	16	8,5	€ 550.000,00	€ 550.000,00
325	GR-2008-1138251	PHARMACOGENETICS OF PEMETREXED AND CARBOPLATIN IN MALIGNANT PLEURAL MESOTHELIOMA PATIENTS.	Paolo Andrea Zucali	Istituto Clinico Humanitas	**14,83**	20	13,5	11	€ 545.000,00	€ 545.000,00
326	GR-2008-1141434	New methodologies for non-invasive, quantitative and Automatic MOnitoring of childbirth LABor (AMOLAB).	Sergio Casciaro	Puglia	**14,83**	17	6,5	21	€ 777.000,00	€ 594.000,00
327	GR-2008-1136428	SHARPE (Sodium Handling and Arterial Phenotypes in Europe)	VALERIE TIKHONOFF	Veneto	**14,83**	21	5,5	18	€ 669.000,00	€ 509.000,00
328	GR-2008-1146620	Patient flow logistics innovation to improve the safety and quality of clinical processes.	stefano villa	Veneto	**14,83**	14,5	12	18	€ 329.800,00	€ 329.800,00
329	GR-2008-1144849	Development of non invasive multimodal techniques for the characterization of epileptogenic area in patients with partial onset epilepsy	Nicola Vanello	Toscana	**15,00**	11	15	19	€ 599.100,00	€ 330.900,00
330	GR-2008-1138411	ATM-dependent DNA damage signalling responses in human neural stem cell: role in differentiation and cell death	Luigi Carlessi	Fondazione IRCCS Istituto Nazionale dei Tumori	**15,00**	15	15	0	€ 627.900,00	€ 547.900,00
331	GR-2008-1138869	Combining epidemiology and economics for management of oncology costs (ManOnC)	Silvia Giovanna Luisa Francisci	Istituto Superiore di Sanita'	**15,00**	18	11	16	€ 1.050.000,00	€ 583.000,00
332	GR-2008-1143957	CELL-BASED THERAPY FOR OSTEONECROSIS IN CHILDREN AFTER INTENSIVE CHEMOTHERAPY AND/OR BONE MARROW TRANSPLANTATION	Ettore Biagi	Istituti Ortopedici Rizzoli	**15,00**	23	15	7	€ 555.000,00	€ 435.000,00
333	GR-2008-1138519	Molecular epidemiology and genetic evolution of human enteric viruses: impacts on the laboratory diagnosis and the surveillance of infection	Flora De Conto	Emilia-Romagna	**15,00**	20,5	11	13,5	€ 300.000,00	€ 300.000,00
334	GR-2008-1141838	Danger under your skin: piercing, tattoos and permanent make-up. Toxicological and infectious risk assessment and prevention strategies	Beatrice Bocca	Istituto Superiore di Sanita'	**15,17**	14,5	9	22	€ 1.350.000,00	€ 600.000,00

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335	GR-2008-1143798	A prospective randomized mono-centric study: comparison of laparoscopic Roux-en-Y Gastric Bypass and laparoscopic one-anastomosis Gastric Bypass for the treatment of morbid obesity	francesco greco	Agenzia per i Servizi Sanitari Regionali	**15,17**	15	13,5	17	€ 556.500,00	€ 471.500,00
336	GR-2008-1138965	Neuropsychiatric and sleep-wake profiles in patients with cirrhosis	Sara Montagnese	Veneto	**15,17**	14	14,5	17	€ 469.935,00	€ 321.935,00
337	GR-2008-1143202	Combined effects of a simultaneous exposure to noise and organic solvents on hearing function: experimental and clinical studies	ANNA RITA FETONI	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**15,17**	17	8,5	20	€ 480.000,00	€ 350.000,00
338	GR-2008-1138553	Multifunctional Nanoengineered Capsules for Synergistic Imaging and Therapy of Breast Cancer.	Francesca Cavalieri	Istituto Superiore di Sanita'	**15,17**	20	16,5	9	€ 1.085.000,00	€ 600.000,00
339	GR-2008-1142613	Enhancing motor performance by expectation: neurological bases and clinical implication	Mirta Fiorio	Fondazione Santa Lucia	**15,17**	11,5	24	10	€ 469.148,00	€ 463.148,00
340	GR-2008-1145042	Detection of Brucella DNA in in-vitro produced embryos derived from ovaries of naturally infected buffaloes	Bianca Gasparrini	Istituto Zooprofilattico Sperimentale del Mezzogiorno	**15,17**	8	18,5	19	€ 600.000,00	€ 400.000,00
341	GR-2008-1144817	Uncovering mitochondrial mutations in nephrotic syndrome as a basis to understand mitochondrial function in glomerular podocyte signaling.	Laura Anna Giardino	Ospedale Maggiore	**15,17**	12	13,5	20	€ 563.072,00	€ 255.763,00
342	GR-2008-1143692	Development of anthropometric and ergonomic databases for differently able people through physical and virtual experiments, aimed to life quality improvement and health innovation	Giovanna Matrone	Associazione Oasi Maria SS.	**15,17**	18	11	16,5	€ 898.000,00	€ 600.000,00
343	GR-2008-1143749	Development of tools for dioxin and PCBs risk management and reduction in milk and dairy product (DIOXMAN)	Sergio Ghidini	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia	**15,17**	19	17,5	9	€ 599.750,00	€ 599.750,00
344	GR-2008-1143599	An in vitro model using blood and cerebrospinal fluid to study the autophagy and mitochondriogenesis pathways in Amyotrophic Lateral Sclerosis.	Alida Spalloni	Fondazione Santa Lucia	**15,17**	16	17	12,5	€ 593.250,00	€ 593.250,00

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345	GR-2008-1137661	A strategy for developing effective cell-mediated approach for treating Motor Neuron Diseases	Stefania Paola Corti	Ospedale Maggiore	**15,17**	15	10	20,5	€ 785.400,00	€ 523.000,00
346	GR-2008-1133581	A multidisciplinary study on frontotemporal lobar degeneration: proteomics, genetics and their implication for families and therapeutic strategies	Luisa Benussi	Centro San Giovanni di Dio - Fatebenefratelli	**15,17**	23,5	15	7	€ 976.250,00	€ 600.000,00
347	GR-2008-1144278	Development of a system for assessment of early markers of cardiovascular risk	elisabetta bianchini	Toscana	**15,17**	17	18,5	10	€ 875.000,00	€ 575.000,00
348	GR-2008-1139097	SUPPORTIVE THERAPIES IN ONCOLOGY: PRECLINICAL EVALUATION OF INNOVATIVE STRATEGIES AND EFFECTS ON CANCER STEM CELLS	Ann Zeuner	Istituto Superiore di Sanita'	**15,17**	8	14	23,5	€ 612.000,00	€ 350.000,00
349	GR-2008-1143651	EVALUATION OF GENOTOXIC DAMAGE IN WORKERS OCCUPATIONALLY EXPOSED TO LOW DOSES OF IONIZING RADIATION: ROLE OF INDIVIDUAL MUTAGEN SENSITIVITY AND INFLUENCE OF GENETIC POLYMORPHISMS.	Piero Lovreglio	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**15,33**	10,5	14	21,5	€ 568.000,00	€ 371.000,00
350	GR-2008-1140881	In vitro gene defects correction of the LMNA gene in a large series of patients with genotyped cardiolaminopathy	Nicola Marziliano	IRCCS Fondazione Policlinico San Matteo	**15,33**	11	12	23	€ 676.000,00	€ 469.000,00
351	GR-2008-1141533	COLORECTAL CANCER CHEMOPREVENTION WITH DIETARY COMPONENTS OF MEDITERRANEAN DIET	Antonietta Santoro	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**15,33**	8	26	12	€ 553.900,00	€ 411.355,00
352	GR-2008-1138028	CANCER PREVENTION IN ITALY: ANALYSIS OF FAMILIAL AND GENETIC FACTORS AND THEIR INTERACTION WITH ENVIRONMENT	Carlotta Galeone	Fondazione IRCCS Istituto Nazionale dei Tumori	**15,33**	12,5	16	17,5	€ 734.500,00	€ 565.000,00
353	GR-2008-1140872	Use of saliva in non-invasive screening for oral cancer	Luca Pastore	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	**15,33**	18,5	6	21,5	€ 900.000,00	€ 600.000,00
354	GR-2008-1141583	Characterization of Id1 function in thyroid tumors	Alessia Ciarrocchi	Emilia-Romagna	**15,33**	22	9	15	€ 575.000,00	€ 360.000,00

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355	GR-2008-1144825	PROSPECTIVE EVALUATION IN REAL LIFE OF THE EFFECT OF SUBLINGUAL IMMUNOTHERAPY ADDED TO PHARMACOTHERAPY ON ASTHMA CONTROL AND ITS SOCIAL IMPACT	Enrico Luigi Compalati	Regione Lombardia - Direzione Generale Sanità	**15,33**	12,5	13,5	20	€ 509.200,00	€ 461.200,00
356	GR-2008-1134545	Pharmacological targets in neurodegenerative pathways: from Frontotemporal Lobar Degeneration to Alzheimer Disease	Barbara Borroni	Fondazione Santa Lucia	**15,33**	16,5	17	12,5	€ 702.500,00	€ 500.000,00
357	GR-2008-1143016	CLINICAL AND MORPHOLOGICAL CEREBRAL FEATURES OF BORDERLINE PERSONALITY DISORDER AND BIPOLAR DISORDER	ROBERTA ROSSI	Centro San Giovanni di Dio - Fatebenefratelli	**15,33**	14	17	15	€ 829.000,00	€ 544.000,00
358	GR-2008-1144186	Multifunctional nanoparticles to downregulate gene expression in human primary cells	Claudia Tortiglione	Istituto Superiore di Sanita'	**15,50**	7,5	21	18	€ 450.000,00	€ 406.000,00
359	GR-2008-1145834	The role of B cells in GVHD after bone marrow transplant	Sara Deola	Provincia autonoma Bolzano	**15,50**	26	7,5	13	€ 993.250,00	€ 600.000,00
360	GR-2008-1146015	Implementation of Information Communication Technology resources in a model of care based on the integration between hospital and local health and social services	Cherubino Di Lorenzo	Istituto Regina Elena	**15,50**	17	17	12,5	€ 928.400,00	€ 486.400,00
361	GR-2008-1142654	An Integrated System for Home Telemonitoring of Heart Failure Patients	Francesco Voci	Istituto Superiore di Sanita'	**15,50**	10,5	14	22	€ 715.500,00	€ 495.000,00
362	GR-2008-1134838	FUNCTIONAL AND MOLECULAR CHARACTERIZATION OF CANCER STEM CELLS FROM HUMAN BRAIN TUMORS: IDENTIFICATION OF NOVEL THERAPEUTIC TARGETS BY INNOVATIVE BIOINFORMATIC APPROACHES	Rossella Galli	Fondazione Centro San Raffaele del Monte Tabor	**15,50**	9,5	19	18	€ 785.000,00	€ 600.000,00
363	GR-2008-1139787	Cl-IB-MECA: potential novel anti-cancer agent in a mouse model of melanoma	Silvana Morello	Istituto Nazionale Tumori Fondazione G. Pascale	**15,50**	13	16,5	17	€ 455.550,00	€ 347.550,00
364	GR-2008-1141199	Mechanisms of neuronal inhibition and neuronal loss in human drug-resistant mesial Temporal Lobe Epilepsy	MASSIMILIANO RENZI	Istituto Neurologico Mediterraneo Neuromed	**15,67**	9	14	24	€ 1.579.275,00	€ 596.750,00

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365	GR-2008-1144073	Bioinformatics and biotechnology approaches in the construction of an electro-optical-photosynthetic based biosensor for public health safety according to the EU Directives Water Framework 2000/60/EC and Food 2008 /51/EC	viviana scognamiglio	Lazio	**15,67**	15	23	9	€ 590.000,00	€ 534.000,00
366	GR-2008-1146031	Molecular and clinical screening of Muir-Torre Syndrome in subjects affected with sebaceous neoplasm and keratoacanthomas	Lupe Sanchez Mete	Istituto S. Maria e S. Gallicano	**15,67**	14	12	21	€ 2.025.000,00	€ 585.000,00
367	GR-2008-1138473	Combining global gene and microRNA expression profiling analysis with FISH and genotyping data: an integrative approach to the understanding of the molecular pathology of multiple myeloma	Luca Agnelli	Ospedale Maggiore	**15,67**	17,5	16,5	13	€ 500.000,00	€ 500.000,00
368	GR-2008-1145550	A novel acellular support in antitumour and antiviral innate immunity: human Natural Killer cells-derived microvesicles	Luana Lugini	Istituto Superiore di Sanita'	**15,67**	12	21	14	€ 1.335.000,00	€ 600.000,00
369	GR-2008-1134781	A system biology approach to protein shedding in inflammatory disorders	Andrea Urbani	Fondazione Santa Lucia	**15,67**	7	25	15	€ 993.000,00	€ 600.000,00
370	GR-2008-1141852	Investigation of genetic and epigenetic mechanisms leading to liver cancer development following deregulated insulin and glucose levels in experimental hepatocarcinogenesis and human hepatocellular carcinoma	Diego Francesco Calvisi	Sardegna	**15,83**	20,5	13	14	€ 559.000,00	€ 458.000,00
371	GR-2008-1141031	Identification of biomarkers of response and resistance to anti-cancer targeted therapies	Federica Di Nicolantonio	Piemonte	**15,83**	12	25,5	10	€ 793.450,00	€ 582.200,00
372	GR-2008-1143597	Role of the Wnt pathway on degeneration and regeneration of nigrostriatal dopaminergic neurons	francesca biagioni	Istituto Neurologico Mediterraneo Neuromed	**15,83**	16,5	24,5	6,5	€ 360.000,00	€ 300.000,00
373	GR-2008-1141147	Caratterizzazione delle variabili socio-demografiche e cliniche e dei correlati neurobiologici dei pazienti all esordio psicotico	Andrea Fiorillo	Centro San Giovanni di Dio - Fatebenefratelli	**15,83**	23	14,5	10	€ 595.000,00	€ 280.000,00
374	GR-2008-1143562	Studies of molecular and cellular mechanisms involved in the pathogenesis of different forms of Porphyrias.	Elena Di Pierro	Ospedale Maggiore	**15,83**	17,5	11	19	€ 588.000,00	€ 588.000,00

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375	GR-2008-1139335	Characterization of preconditioning in the setting of traumatic brain injury: a novel therapeutic strategy based on endogenous neuroprotection	Luca Longhi	Ospedale Maggiore	**15,83**	24	14	9,5	€ 596.300,00	€ 596.300,00
376	GR-2008-1143917	Identification of novel candidate genes acting as potential tumor suppressors in aggressive B-cell lymphomas	Giulia De Falco	Toscana	**15,83**	16	19	12,5	€ 387.000,00	€ 363.000,00
377	GR-2008-1139251	Communication skills of aphasic patients and gestures: An annotated database of aphasic patients' gestures for enhancing their communication and for training speech therapists.	Paolo Bernardis	Agenzia per i Servizi Sanitari Regionali	**15,83**	24	6	17,5	€ 700.000,00	€ 350.000,00
378	GR-2008-1144512	ULTRAVIOLET RADIATION AND PHOTOINDUCED PATHOLOGIES: QUANTIFICATION OF EXPOSURE AND BIOMARKERS IDENTIFICATION AIMED AT PREVENTION	Giuseppe Rocco Casale	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**16,00**	23	11	14	€ 540.000,00	€ 540.000,00
379	GR-2008-1143168	Innovative Purinergic Targets For Amyotrophic Lateral Sclerosis	Nadia D'Ambrosi	Fondazione Santa Lucia	**16,00**	16	16	16	€ 565.000,00	€ 490.000,00
380	GR-2008-1136956	INHIBITION OF THE ACTIVITY OF TISSUE TRANSGLUTAMINASE: A NEW THERAPEUTIC STRATEGY FOR CELIAC DISEASE	Marco Silano	Istituto Superiore di Sanita'	**16,00**	15,5	16	16,5	€ 845.000,00	€ 600.000,00
381	GR-2008-1139637	IMPLEMENTATION OF ENDOGENOUS NEUROGENESIS AND GLIOGENESIS VIA THE PURINERGIC SYSTEM: A NEW STRATEGY TO REPAIR ACUTE NEURODEGENERATIVE DISEASES	Tiziana Genovese	IRCCS Centro Neurolesi "Bonino Pulejo"	**16,00**	15	18	15	€ 965.161,00	€ 750.517,00
382	GR-2008-1144315	Trattamento con metformina per la prevenzione del diabete gestazionale in pazienti ad alto rischio	Stefano Palomba	Regione Lombardia - Direzione Generale Sanità	**16,00**	25	7,5	15,5	€ 530.000,00	€ 468.000,00
383	GR-2008-1143642	Influence of patient related factors on the muscoloskeletal tissues and on reconstructive therapies	Veronica Borsari	Istituti Ortopedici Rizzoli	**16,00**	18	7,5	22,5	€ 1.000.046,00	€ 522.900,00
384	GR-2008-1144473	Validation of an advanced protocol for the preclinical diagnosis of Alzheimer s disease	DANIELA COSTARDI	Centro San Giovanni di Dio - Fatebenefratelli	**16,00**	17	14	17	€ 976.200,00	€ 592.200,00

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385	GR-2008-1145374	Action execution improves action recognition in apraxia	Matteo Candidi	Fondazione Santa Lucia	**16,00**	8	25	15	€ 436.360,00	€ 436.360,00
386	GR-2008-1140743	The production of linear and non-linear walking trajectories in Parkinson s disease and post-stroke hemiparetic patients: pathophysiology and rehabilitation interventions.	Micaela Schmid	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**16,17**	11,5	22	15	€ 755.702,00	€ 554.650,00
387	GR-2008-1136817	Cancer Registry and the organisation of a Biological Bank in the Campania region as research tools in cancer epidemiology	Anna Crispo	Istituto Nazionale Tumori Fondazione G. Pascale	**16,17**	14,5	13	21	€ 1.060.000,00	€ 600.000,00
388	GR-2008-1141406	Analysis of the functional activities of CD157 in human ovarian cancer: evaluation of its role as a prognostic marker and as a target of innovative therapies	Erika Ortolan	Piemonte	**16,17**	13,5	15	20	€ 752.000,00	€ 505.500,00
389	GR-2008-1139921	Development of an optical diagnostic tool set based on Raman light scattering: from chemical imaging of tissue sections to real-time tissue analysis in the surgical operation theatre	Alois Bonifacio	IRCCS pediatrico Burlo Garofolo	**16,17**	15	15	18,5	€ 504.000,00	€ 450.000,00
390	GR-2008-1133792	STATINS IN THE PREVENTION OF DISEASE PROGRESSION IN PATIENTS WITH PRIMARY SCLEROSING CHOLANGITIS.	Annalisa Berzigotti	Emilia-Romagna	**16,17**	12,5	24	12	€ 402.600,00	€ 380.600,00
391	GR-2008-1146282	Biological therapy in juvenile idiopathic arthritis. Identification of possible molecular targets	Lorenzo Cosmi	Toscana	**16,17**	10,5	10,5	27,5	€ 468.000,00	€ 414.000,00
392	GR-2008-1141862	Role of the ATM-dependent DNA repair system in the pathogenesis of hepatocellular carcinoma: a new target for chemoprevention.	Filippo Schepis	Emilia-Romagna	**16,33**	11,5	24	13,5	€ 422.000,00	€ 410.000,00
393	GR-2008-1141949	Duchenne Muscular Dystrophy: design and use of synthetic genes as innovative and promising therapeutic molecules.	agata desantis	Fondazione Santa Lucia	**16,33**	29,5	8,5	11	€ 840.000,00	€ 600.000,00
394	GR-2008-1136822	Hyperpolarized gas MRI for lung pathologies	Angelo Galante	Istituto Regina Elena	**16,33**	11,5	19,5	18	€ 1.060.000,00	€ 600.000,00

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395	GR-2008-1141516	CHARACTERIZATION OF NUCLEAR eNOS FUNCTION IN HUMAN ENDOTHELIAL CELL: RELEVANCE FOR CARDIOVASCULAR PATHOPHYSIOLOGY.	Jessica Diana Rosati	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**16,33**	22	11	16	€ 625.500,00	€ 500.000,00
396	GR-2008-1142289	Bone marrow stem cells mobilized with G-CSF: Hepatic regeneration in a murine model and autologous infusion in patients with advanced liver disease.	Silvia Gaia	Piemonte	**16,33**	24	11	14	€ 573.222,00	€ 418.000,00
397	GR-2008-1144777	HIV epidemic in irregular immigrants: viral diversity, drug resistance and coinfection	Elisabetta Pilotti	Emilia-Romagna	**16,33**	15,5	25,5	8	€ 505.000,00	€ 455.000,00
398	GR-2008-1143650	A multicenter study of the prevalence and distribution of hearing loss in the first three years of life in the province of Modena and Reggio Emilia	maria consolazione guarnaccia	Emilia-Romagna	**16,50**	18,5	9	22	€ 500.000,00	€ 300.000,00
399	GR-2008-1133655	Biomarkers for differential diagnosis and personalized treatments in mood disorders.	Roberta Zanardini	Centro San Giovanni di Dio - Fatebenefratelli	**16,50**	19	10,5	20	€ 1.092.700,00	€ 574.200,00
400	GR-2008-1140144	Identification of new glucocorticoid s molecular mechanisms regulating genes involved in the inflammatory process.	Salvatore Cuzzocrea	IRCCS Centro Neurolesi "Bonino Pulejo"	**16,50**	25,5	14	10	€ 965.161,00	€ 750.517,00
401	GR-2008-1138106	delirium Post-Operatorio, Genetica e Fattori di rischio	Fausto Catena	Emilia-Romagna	**16,50**	13	11,5	25	€ 170.000,00	€ 110.000,00
402	GR-2008-1139605	New biomedical strategies from viral capsid nanobiotechnology	Ranieri Bizzarri	Toscana	**16,50**	28	11	10,5	€ 1.068.000,00	€ 593.000,00
403	GR-2008-1146023	Dosimetric and radiobiological characterization of an innovative laser-driven electron source	Andrea Gamucci	Agenzia per i Servizi Sanitari Regionali	**16,50**	19,5	12,5	17,5	€ 830.000,00	€ 600.000,00
404	GR-2008-1145012	Interaction between representative lung surfactants and toxic respirable mineral dusts. Computational , kinetic and in vitro approaches	luciana sciascia	Istituto Zooprofilattico Sperimentale della Sicilia	**16,50**	20	23	6,5	€ 570.000,00	€ 570.000,00

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405	GR-2008-1143521	Evaluation of in vivo regional brain perfusion changes and brain activation patterns using single photon emission computed tomography and functional magnetic resonance imaging in ataxia-telangiectasia patients during betamethasone treatment.	amorosi stefania	IRCCS Fondazione SDN	**16,50**	7,5	17,5	24,5	€ 400.000,00	€ 400.000,00
406	GR-2008-1144879	ABC transporters as potential targets for modulation of drug resistance in brain tumors	Laura Gatti	Fondazione IRCCS Istituto Nazionale dei Tumori	**16,50**	27	12,5	10	€ 1.043.350,00	€ 592.900,00
407	GR-2008-1143465	Pharmacogenomic analysis by single nucleotide polymorphism array and gene expression profiling in multiple myeloma patients treated with novel, nongenotoxic agents	elena zamagni	Emilia-Romagna	**16,50**	17,5	11,5	20,5	€ 580.000,00	€ 430.000,00
408	GR-2008-1144034	Biochemical markers in Hemorragic stroke	Laura Nanetti	Marche	**16,50**	15,5	23	11	€ 269.000,00	€ 174.000,00
409	GR-2008-1146741	The importance of neuropsychological tests in dementia diagnosis: the need of a new validation for the Italian National Health Service	Francesca Galeotti	Istituto Superiore di Sanita'	**16,50**	16,5	16,5	16,5	€ 1.255.000,00	€ 600.000,00
410	GR-2008-1133805	Characterizaion of pathogenetic mechanisms as practical tools in the diagnosis, surveillance and therapy of cholangiocarcinoma	Marco Marzioni	Marche	**16,50**	23	12	14,5	€ 148.500,00	€ 139.300,00
411	GR-2008-1141675	Role of functional CD4+ T cell subsets in the collateral response to acute ischemia	Andrea LA SALA	Istituto San Raffaele Pisana	**16,50**	19	17,5	13	€ 946.462,00	€ 471.150,00
412	GR-2008-1134564	Cognitive group therapy an exercise as adjunctive therapy for depressive disorders in primary care: new models for the treatment of mood disorders	donatella rita petretto	Sardegna	**16,67**	16	17	17	€ 515.000,00	€ 395.000,00
413	GR-2008-1145661	Autoantibodies anti-PDGF receptor in Systemic Sclerosis: a novel pathogenic mechanism with implications for early diagnosis, efficient monitoring and therapy	Gianluca Moroncini	Marche	**16,67**	20	11	19	€ 750.000,00	€ 490.000,00

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414	GR-2008-1142019	Ruolo delle subunità beta2, alfa4, alfa5, alfa6 ed alfa7 del recettore nicotinico per l'acetilcolina (nAChR) nella modulazione delle alterazioni motorie, cognitive, ed emotive indotte da cannabinoidi	Liana Fattore	Sardegna	**16,67**	13	14	23	€ 310.000,00	€ 310.000,00
415	GR-2008-1145172	NEURODEGENERATION: THE MOLECULAR ROLE OF NEUUROSERPIN	CRISTINA AGLIARDI	Fondazione Don Carlo Gnocchi Onlus	**16,67**	9,5	21,5	19	€ 699.500,00	€ 527.400,00
416	GR-2008-1146454	NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN (NGAL) IN PATIENTS WITH DIABETIC NEPHROPATHY	Giuseppe Coppolino	Sicilia	**16,67**	14	6	30	€ 300.000,00	€ 293.000,00
417	GR-2008-1139012	Biochemical mechanisms of perinatal brain damage and neuroprotective drugs in animal model.	Fabrizio Proietti	Toscana	**16,67**	15	18,5	16,5	€ 315.000,00	€ 315.000,00
418	GR-2008-1145477	Role of the costimulatory molecules in the pathogenesis of T cell dysfunction in chronic HBV and HCV infections: diagnostic and therapeutic implications.	Diletta Laccabue	Emilia-Romagna	**16,67**	11	13,5	25,5	€ 761.750,00	€ 585.750,00
419	GR-2008-1137106	NEWBORN SCREENING FOR LYSOSOMAL STORAGE DISORDERS	Giancarlo La Marca	Toscana	**16,83**	12	15,5	23	€ 1.320.000,00	€ 600.000,00
420	GR-2008-1143909	Integration of screening program with identification of women at risk for hereditary and familial breast cancer	Matilde Pensabene	Campania	**16,83**	16	19	15,5	€ 600.000,00	€ 460.000,00
421	GR-2008-1134809	Novel ECG-derived phenotypes of atrial fibrillation	federica censi	Istituto Superiore di Sanita'	**16,83**	14	13,5	23	€ 738.500,00	€ 518.000,00
422	GR-2008-1136378	MCL-1: DEFINITION OF MOLECULAR MECHANISMS INVOLVED IN THE ANTIAPOPTOTIC EFFECT AND IDENTIFICATION OF NEW FUNCTIONS	Daniela Trisciuoglio	Istituto Regina Elena	**16,83**	15	18,5	17	€ 530.000,00	€ 400.000,00
423	GR-2008-1136414	Role of aberrant cell cycle induction in Alzheimer's disease: genetics, RNA expression and silencing for the identification of novel therapeutic targets	Daniela Galimberti	Ospedale Maggiore	**16,83**	21,5	16	13	€ 820.000,00	€ 600.000,00
424	GR-2008-1136254	Role of extracellular nucleotides and immunosuppressive cells in neuroectodermal tumor microenvironment: therapeutic implications	Lizzia Raffaghello	Istituto "Giannina Gaslini"	**16,83**	25	10,5	15	€ 450.000,00	€ 431.000,00

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425	GR-2008-1142118	Biological and physical approaches to study skin carcinogenesis	Giulia Fontemaggi	Istituto Regina Elena	**16,83**	18,5	22,5	9,5	€ 860.000,00	€ 560.000,00
426	GR-2008-1145821	Nanotechnology in Cancer Research. Nanovectors for Gene Therapy	Paola Posocco	Centro di Riferimento Oncologico	**16,83**	10	21,5	19	€ 510.750,00	€ 259.250,00
427	GR-2008-1145196	Vector-borne disease monitoring in Piemonte	massimiliano bergallo	Piemonte	**16,83**	25	7,5	18	€ 556.000,00	€ 556.000,00
428	GR-2008-1144100	Potentially new and re-emerging epidemics: integrated disease-specific research on West Nile, Dengue and Chikungunya Virus infections	Maria Fenicia Vescio	Istituto Superiore di Sanita'	**16,83**	8,5	17,5	24,5	€ 1.961.275,00	€ 599.500,00
429	GR-2008-1144340	The MP65 protein of Candida albicans- a target for diagnosis, vaccine and therapeutic development	Silvia Arancia	Istituto Superiore di Sanita'	**16,83**	23,5	15	12	€ 2.272.991,00	€ 600.000,00
430	GR-2008-1134502	Mitochondrial Optic Neuropathies: clinical, genetical, pathogenetical, and epidemiological aspects.	Paola Da Pozzo	Toscana	**16,83**	18	8,5	24	€ 350.000,00	€ 350.000,00
431	GR-2008-1147016	Assessment of telemedicine services as new organizational models of disease management.	Paolo Zanaboni	Regione Lombardia - Direzione Generale Sanità	**16,83**	34	11	5,5	€ 400.000,00	€ 350.000,00
432	GR-2008-1141435	Molecular study of the sub-lethal damage in degenerative diseases: strategies for a morphological and functional repair.	bruna pucci	Istituto San Raffaele Pisana	**17,00**	26	14,5	10,5	€ 652.000,00	€ 500.000,00
433	GR-2008-1137066	Identification of epigenetic bio-markers induced by chemo-radiotherapy treatments and associated to the development of therapy-related Myelodysplastic Syndromes/Acute myeloid Leukemia.	Francesco D'Alò	IRCCS Centro di Riferimento Oncologico della Basilicata (CROB)	**17,00**	17,5	16	17,5	€ 600.000,00	€ 600.000,00
434	GR-2008-1145948	"Setting up cell replacement protocols for neurodegenerative disorders of the striatum and cerebellum: a proof of concept."	Paola Zordan	Fondazione Centro San Raffaele del Monte Tabor	**17,00**	24	16	11	€ 631.575,00	€ 600.000,00
435	GR-2008-1139135	Endogenous cannabinoid system and colorectal cancer	Francesca Borrelli	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**17,00**	16	18	17	€ 700.000,00	€ 580.000,00

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436	GR-2008-1142108	Role of the Erk8 MAP kinase in Human Cancer	mario chiariello	Toscana	**17,00**	20,5	13,5	0	€ 603.750,00	€ 430.000,00
437	GR-2008-1142999	clay bio-polymer nanocomposites:innovative carriers for drug delivery and gene therapy	laura zulian	Lazio	**17,00**	26	9	16	€ 860.644,00	€ 439.200,00
438	GR-2008-1144760	Carcinogenesis in Barrett s esophagus: regression mechanisms of low grade dysplasia and construction of a vaccine against esophageal adenocarcinoma	Marco Scarpa	Veneto	**17,00**	12	22	0	€ 564.610,00	€ 491.610,00
439	GR-2008-1146036	My body to understand others: improving mentalizing and embodied perspective taking in Autism Spectrum Disorders through Theta Burst Transcranial Magnetic Stimulation.	Ilaria Minio-Paluello	Fondazione Santa Lucia	**17,00**	20,5	9	21,5	€ 505.140,00	€ 486.400,00
440	GR-2008-1144397	The Gata1(low) mouse as a model to identify treatment strategies for primary myelofibrosis.	Fabrizio Martelli	Istituto Superiore di Sanita'	**17,00**	14	14	23	€ 615.555,00	€ 293.333,00
441	GR-2008-1141797	Obesity: in the search for a common soil for cardiovascular disease and cancer	Emanuela Napoleone	Molise	**17,00**	11	12,5	27,5	€ 534.600,00	€ 448.800,00
442	GR-2008-1137797	Neuropathic pain: nicotinic mechanism involved in neuron vs glia signaling	Lorenzo Di Cesare Mannelli	Toscana	**17,00**	12,5	18,5	20	€ 678.000,00	€ 586.000,00
443	GR-2008-1135611	Purinergic signalling as a therapeutic mechanism of T reg cells-induced immunoregulation in Multiple Sclerosis	Susanna Amadio	Fondazione Santa Lucia	**17,00**	21	11	19	€ 535.000,00	€ 455.000,00
444	GR-2008-1137025	Molecular analysis of ABCB4 gene in patients with intrahepatic cholestatic diseases suggestive of deficiency of the biliary phosphatidylcholine	Dario Degiorgio	Ospedale Maggiore	**17,17**	32,5	11	8	€ 612.000,00	€ 547.000,00
445	GR-2008-1144387	Study of molecular mechanisms underlying the chemosensitizing and anti-mycotic effects induced by the essential oil TEA TREE OIL (TTO) on sensitive and resistant strains of Candida and Aspergillus.	monica orsini	Istituto Superiore di Sanita'	**17,17**	22	18	11,5	€ 2.314.830,00	€ 590.000,00
446	GR-2008-1145581	Role of folic acid supplementations in women undergoing assisted reproduction	Patrizia Monteleone	Toscana	**17,17**	15	11,5	25	€ 381.000,00	€ 301.000,00
447	GR-2008-1139091	EPIDEMIOLOGICAL SURVEILLANCE OF VIRAL PATHOGENS (ADENOVIRUSES, NOROVIRUSES, AND HEPATITIS E VIRUS) THROUGH PARALLEL MONITORING OF SEWAGES AND CLINICAL CASES	Giuseppina La Rosa	Istituto Superiore di Sanita'	**17,17**	8	20,5	23	€ 1.027.269,00	€ 587.994,00

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448	GR-2008-1137920	Role of RNA interference and gene therapy in autoimmune diseases	Margherita Sisto	Puglia	**17,17**	15	18,5	18	€ 485.000,00	€ 410.000,00
449	GR-2008-1137838	Prevention of radiocontras medium-induced nephropathy using short-term high-dose statins in patients with renal insufficiency undergoing coronary angiography with iso- or low-osmolar contrast agents	Giuseppe Stefano Netti	Puglia	**17,17**	12	16,5	23	€ 400.000,00	€ 340.000,00
450	GR-2008-1137556	Proteomic and Redox proteomic analysis of in vivo HPV dysplastic lesions: understanding the role of oxidative stress in cancer progression	Marzia Perluigi	Istituto Regina Elena	**17,17**	24	8,5	19	€ 1.247.000,00	€ 430.000,00
451	GR-2008-1143755	miRNAs as novel prognostic and therapeutic tools in prostate cancer	Desiree Bonci	Istituto Superiore di Sanita'	**17,17**	22,5	10	19	€ 704.000,00	€ 420.000,00
452	GR-2008-1144127	Use of leukocytes as circulating biosensors of metabolic maladaptations connected with the sedentary life style	Michele Guescini	Marche	**17,17**	17	25,5	9	€ 431.000,00	€ 331.000,00
453	GR-2008-1146048	High-throughput transcriptional analysis of CAV-2 and other vector effects on brain cells	Stefania Piersanti	Istituto Regina Elena	**17,17**	18	15	18,5	€ 437.000,00	€ 401.000,00
454	GR-2008-1147062	Role of the Neuronal isoform of the Sodium Calcium Exchanger 1 in the ADHD	pasquale molinaro	Istituto San Raffaele Pisana	**17,17**	14,5	20	17	€ 534.000,00	€ 328.200,00
455	GR-2008-1138110	PREDITTORI CLINICI E BIOLOGICI DI DECLINO FUNZIONALE A LUNGO TERMINE NEL PAZIENTE ANZIANO OSPEDALIZZATO / "CLINICAL AND BIOLOGICAL PREDICTORS OF SHORT AND LONG TERM FUNCTIONAL DECLINE IN OLDER HOSPITALIZED SUBJECTS"	marcello maggio	Emilia-Romagna	**17,17**	13	21,5	17	€ 599.000,00	€ 370.000,00
456	GR-2008-1136790	Linking the proto-oncogene Pbx1 and the Tgf-b pathway to cytoskeleton reorganization in hematopoietic stem cells (HCSs): implications for Wiskott-Aldrich Syndrome pathogenesis and treatment.	Francesca Ficara	Istituto Clinico Humanitas	**17,17**	11,5	25	15	€ 600.000,00	€ 600.000,00
457	GR-2008-1137303	A multidisciplinary approach for the identification of novel therapeutic treatments for respiratory tract infections in infants.	Giorgio Fedele	Istituto Superiore di Sanita'	**17,17**	10,5	15	26	€ 796.750,00	€ 541.000,00

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458	GR-2008-1138390	Lipid based sensors for biomedical applications	cecilia bombelli	Lazio	**17,17**	22	14,5	15	€ 337.000,00	€ 337.000,00
459	GR-2008-1142322	Development of a standard method for work-related stress risk assessment, risk management and continuous monitoring in the National Healthcare System	Paul Maurice Conway	Ospedale Maggiore	**17,17**	20,5	21	10	€ 969.000,00	€ 598.000,00
460	GR-2008-1142347	Recovery predictors in survivors from traumatic and non traumatic coma: clinical and instrumental prognostic indicators in the rehabilitation phase.	Margherita Di Paola	Fondazione Santa Lucia	**17,17**	18,5	21,5	11,5	€ 1.282,00	€ 600,00
461	GR-2008-1134116	Integration of clinical criteria with diagnostic instruments for the differentiation of dementia subtypes	Andrea Cherubini	Fondazione Santa Lucia	**17,33**	12	20	20	€ 794.000,00	€ 500.500,00
462	GR-2008-1136666	Psoriasis and cardiovascular morbidity and mortality: an integrating approach based on the use of anti-TNF-alpha inhibitors	Anna Campanati	Marche	**17,33**	15,5	29,5	7	€ 712.000,00	€ 405.000,00
463	GR-2008-1136576	INTERACTION AMONG MEDITERRANEAN DIET COMPONENTS AND VASCULAR, GENETIC AND NOT GENETIC FACTORS IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE: A 3-YEARS FOLLOW UP STUDY ON AN APULIAN POPULATION	Cristiano Capurso	Puglia	**17,33**	10,5	18	23,5	€ 847.996,00	€ 505.000,00
464	GR-2008-1140169	Assessment of a pre-clinical model for the use of adult Cardiac Stem Cells-based/tissue engineering combined treatment of heart ischemia	Giacomo Frati	Veneto	**17,33**	20	9	23	€ 3.901.000,00	€ 595.000,00
465	GR-2008-1142851	Single molecule detection	francesco de angelis	Calabria	**17,33**	11	25	16	€ 716.000,00	€ 506.000,00
466	GR-2008-1134495	Assessment of an adaptive response in patients with thyroid diseases after iodine-131 metabolic therapy	VALENTINA DINI	Istituto Superiore di Sanita'	**17,33**	10,5	21,5	20	€ 666.500,00	€ 368.500,00
467	GR-2008-1138373	Evaluation of pharmacogenetics as a tool to optimise efficacy and toxicity of anti-HIV therapy and concomitant treatments.	Antonio D'Avolio	Piemonte	**17,33**	13	31	8	€ 600.000,00	€ 553.000,00
468	GR-2008-1133567	Branched neutotensin derivatives for tumor targeting	Chiara Falciani	Toscana	**17,33**	24,5	13,5	14	€ 558.200,00	€ 381.700,00

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469	GR-2008-1143578	Diagnostic imaging for prodromal Alzheimer s Disease: implementation of advanced protocols based on magnetic resonance and FDG-PET	Samantha Galluzzi	Centro San Giovanni di Dio - Fatebenefratelli	**17,33**	22	25	5	€ 825.400,00	€ 594.000,00
470	GR-2008-1140975	ASSESSMENT OF THE PHYSIOPATHOLOGICAL MECHANISMS UNDERLYING GLIAL AND NEURONAL DAMAGE AND EVALUATION OF THE NEUROPROTECTIVE EFFECTS EXERTED BY RECOMBINANT ERYTHROPOIETIN AND OTHER TISSUE-PROTECTIVE MEDIATORS.	GIOVANNI GRASSO	Agenzia per i Servizi Sanitari Regionali	**17,50**	10	22	20,5	€ 832.460,00	€ 509.460,00
471	GR-2008-1145254	Clinical and molecular characterization of rheumatoid arthritis in remission: pathologic spectrum and prognostic biomarkers	Antonio Manzo	IRCCS Fondazione Policlinico San Matteo	**17,50**	17	27,5	8	€ 838.494,80	€ 401.200,00
472	GR-2008-1142809	Molecular mechanisms of human skeletal muscle atrophy in different neuromuscular disorders: protein modulation and gene expression by microarray technology.	Paola Cudia	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**17,50**	19	10,5	23	€ 990.000,00	€ 494.000,00
473	GR-2008-1138554	Novel protein biomarkers of amyotrophic lateral sclerosis	Valentina Bonetto	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**17,50**	11,5	18	23	€ 1.139.000,00	€ 517.000,00
474	GR-2008-1144439	Evaluating and Managing disease path communities	Luigi Cuccia	Agenzia per i Servizi Sanitari Regionali	**17,50**	16,5	14	22	€ 520.000,00	€ 470.000,00
475	GR-2008-1145159	PRO-CARE: PRogramme Of CArdiac REhabilitation. A multidisciplinary approach to lifestyle changes in cardiovascular secondary prevention.	Giulia Renda	Abruzzo	**17,50**	12,5	10	30	€ 579.500,00	€ 485.000,00
476	GR-2008-1143067	New targets for diagnosis and therapy of Breast Cancer based on characterization of Dependence Receptor signaling pathways	Manuela Vargiolu	Emilia-Romagna	**17,50**	15	12	25,5	€ 360.000,00	€ 328.400,00
477	GR-2008-1136236	A multi-site RCT comparing regional and general anaesthesia for effects on neurodevelopmental outcome and apnoea in infants	Nicola Disma	Istituto "Giannina Gaslini"	**17,50**	22	8,5	22	€ 300.240,00	€ 300.240,00

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478	GR-2008-1141694	In vivo and in vitro studies on cytotoxic effects of endocrine disruptors on placenta	Maria De Falco	Campania	**17,50**	16,5	18,5	0	€ 360.000,00	€ 295.000,00
479	GR-2008-1137065	A phase III prospective multicenter comparison of transurethral resection by mean of white light, fluorescence and narrow band imaging.	Angelo Naselli	Istituto Nazionale per la Ricerca sul Cancro	**17,67**	25	15	13	€ 445.750,00	€ 149.750,00
480	GR-2008-1134127	The role of adipose tissue in the pathogenesis of obstructive sleep apnea syndrome	Luisa Gilardini	Fondazione Istituto Auxologico Italiano	**17,67**	7,5	30	15,5	€ 541.000,00	€ 309.000,00
481	GR-2008-1138066	Organization by telemedicine of the acute stroke network in Abruzzo	Simona Sacco	Agenzia per i Servizi Sanitari Regionali	**17,67**	15,5	18	19,5	€ 600.000,00	€ 600.000,00
482	GR-2008-1135288	From genome to proteome in laminopathies	Annapaola Andolfo	Fondazione Centro San Raffaele del Monte Tabor	**17,67**	25	16	12	€ 393.000,00	€ 300.000,00
483	GR-2008-1144132	Predictive molecular profiling of anastrozole neoadjuvant hormonal therapy response in sporadic breast carcinoma	Maurizia Mello Grand	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**17,67**	20	21,5	11,5	€ 600.000,00	€ 600.000,00
484	GR-2008-1139114	Rapid and friendly-user assay for neutrophil functions	Anna Rachini	Istituto Superiore di Sanita'	**17,67**	15	22,5	15,5	€ 600.000,00	€ 250.000,00
485	GR-2008-1143346	DNA damage- and oncogene-induced checkpoints in adult stem cells	Alessandra Insinga	Istituto Europeo di Oncologia	**17,67**	28	15	10	€ 514.800,00	€ 452.100,00
486	GR-2008-1147051	Ricognizione su scala nazionale del rischio sanitario dei lavoratori esposti al radon nei diversi comparti occupazionali/ National survey to evaluate the risk to workers from radon exposure in different kind of workplaces	Federica Leonardi	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**17,67**	21	13,5	18,5	€ 1.343.500,00	€ 598.500,00
487	GR-2008-1142479	The Neural Mechanisms of Embodied cognition in patients with brain lesions, developmental disorders and psychiatric patients: the impact of Mental Simulation	Barbara Tomasino	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**17,67**	20,5	14	18,5	€ 404.000,00	€ 356.000,00
488	GR-2008-1139825	Role of diabetes mellitus in the progression toward heart failure: integrated clinical and basic research to identify novel therapeutic targets	Antonio Rapacciuolo	Campania	**17,67**	28	12	13	€ 365.000,00	€ 310.000,00

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489	GR-2008-1141345	Development of new instruments and methods for the increase of safety and accuracy in radiotherapy treatments delivery	Mauro Carrara	Fondazione IRCCS Istituto Nazionale dei Tumori	**17,67**	18	13,5	21,5	€ 671.000,00	€ 341.000,00
490	GR-2008-1138812	Tyrosine kinase RON: a new target in cancer therapy	Silvia Benvenuti	Piemonte	**17,67**	21,5	14	17,5	€ 764.567,00	€ 600.000,00
491	GR-2008-1134569	Alzheimer Disease: semantic network, knowledge system loss and early diagnosis	DINA DI GIACOMO	Fondazione Santa Lucia	**17,75**	23	12,5	0	€ 592.000,00	€ 362.000,00
492	GR-2008-1135343	Development of a rapid pen-side test for the diagnosis of parapoxvirus infections in animals and humans	Alessandra Scagliarini	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia	**17,75**	16,5	19	0	€ 771.200,00	€ 400.000,00
493	GR-2008-1134482	MicroRNAs and rare pediatric liver tumors	Marco Salvatore	Istituto Superiore di Sanita'	**17,83**	21	15,5	17	€ 745.250,00	€ 477.750,00
494	GR-2008-1138314	Development of bioactive nanostructured scaffolds for bone tissue regenerative medicine	Daniela Pasqui	Istituti Ortopedici Rizzoli	**17,83**	15,5	24,5	13,5	€ 1.064.000,00	€ 550.000,00
495	GR-2008-1144996	The role of BDNF as a biomarker for affective and anxiety disorders and for response to pharmacological treatments	Daniela Tardito	Centro San Giovanni di Dio - Fatebenefratelli	**17,83**	17,5	18	18	€ 667.295,00	€ 541.200,00
496	GR-2008-1142961	Role of microRNAs in Acute Myeloid Leukemia pathogenesis	Giuseppe Cammarata	Sicilia	**17,83**	18	11,5	24	€ 475.000,00	€ 325.000,00
497	GR-2008-1137855	Plasticità neurale e percezione sovramodali: studi fMRI-EEG sulla deprivazione sensoriale	Emiliano Ricciardi	Toscana	**17,83**	14,5	16	23	€ 550.000,00	€ 410.000,00
498	GR-2008-1144357	Strategies of cell therapy for diseases of mesodermal tissues	BENEDETTO SACCHETTI	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**17,83**	16	10,5	27	€ 547.000,00	€ 547.000,00
499	GR-2008-1146923	Biological and clinical features of nucleo-cytoplasmic trafficking	Paolo Gorello	Agenzia per i Servizi Sanitari Regionali	**17,83**	18,5	11,5	23,5	€ 490.000,00	€ 490.000,00
500	GR-2008-1143681	Biological markers of cancer stem cells	Marisa Colone	Istituto Superiore di Sanita'	**17,83**	18	19	16,5	€ 1.954.580,00	€ 595.000,00

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501	GR-2008-1145571	Disclosing the role of mutations and polymorphism of human prion protein in the generation and development of prion fibrils	Serena Principe	Istituto Superiore di Sanita'	**17,83**	13,5	18,5	21,5	€ 636.666,00	€ 303.333,00
502	GR-2008-1134600	Toxicogenomics and preventive medicine. Studies applied to occupational and environmental health.	Graziella Cimino Reale	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**17,83**	18	10	25,5	€ 852.500,00	€ 550.000,00
503	GR-2008-1138785	Use of schoolchildren screening to improve clinical outcome and socio-economic burden of allergic diseases.	marta sacchetti	Fondazione Centro San Raffaele del Monte Tabor	**17,83**	28	18	7,5	€ 600.000,00	€ 600.000,00
504	GR-2008-1139077	Isolation of pluripotent stem cells from human amnion: in vitro differentiation in airway and hepatic epithelium and in vivo evaluation of engraftment ability for the cure of respiratory and liver disease of Cystic Fibrosis.	Valentina Paracchini	Ospedale Maggiore	**18,00**	16,5	13,5	24	€ 620.000,00	€ 551.000,00
505	GR-2008-1144049	Drug screening microfluidic devices for anti-osteoporosis therapies	Katia Lagana	IRCCS Istituto Ortopedico Galeazzi	**18,00**	18,5	16	19,5	€ 702.200,00	€ 482.000,00
506	GR-2008-1141556	Genomic instability in healthy tissues after cancer radiotherapy: implications for long-term effects in survivors	Massimo Pinto	Istituto Superiore di Sanita'	**18,00**	29	9	16	€ 638.624,00	€ 514.256,00
507	GR-2008-1137019	A systems biology approach to elucidate the molecular mechanism of Pten loss induced cellular senescence and its application for cancer therapy	Andrea Alimonti	Istituto Regina Elena	**18,00**	20	12,5	21,5	€ 800.700,00	€ 550.700,00
508	GR-2008-1136290	Brain and Language Open Database (BLOD) For Aphasia Diagnosis and Rehabilitation	Marco Tettamanti	Fondazione Centro San Raffaele del Monte Tabor	**18,00**	10	28	16	€ 765.000,00	€ 600.000,00
509	GR-2008-1143318	Multimodal imaging system for the identification of vulnerable atherosclerotic plaques	FRANCESCO CUSANNO	Istituto Superiore di Sanita'	**18,00**	14	19	21	€ 1.325.000,00	€ 600.000,00
510	GR-2008-1140243	Preclinical assessment for selectively disrupting a traumatic memory via postretrieval interventions.	Benedetto Sacchetti	Piemonte	**18,00**	16	13	25	€ 695.000,00	€ 410.000,00
511	GR-2008-1136531	Assessment of Mitochondrial Dysfunction in subjects with Autism	Eugenia Borgione	Associazione Oasi Maria SS.	**18,00**	19,5	16,5	0	€ 807.534,00	€ 600.000,00

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512	GR-2008-1135796	Psychological impact of risk management strategies on women who recived the genetic test result for genomic brca1/2 mutations	Cristina Vigna	Istituto Regina Elena	**18,00**	19	13	22	€ 721.000,00	€ 550.000,00
513	GR-2008-1138029	A prospective study of Italian case-control data on risk factors associated with cancer survival and mortality	Claudio Pelucchi	Regione Lombardia - Direzione Generale Sanità	**18,00**	14	16	24	€ 775.000,00	€ 400.000,00
514	GR-2008-1136404	Autophagy as a therapeutic strategy in neurodegeneration and neuropathic pain.	SARA MARINELLI	Fondazione Santa Lucia	**18,17**	16,5	21	17	€ 1.270.632,00	€ 588.000,00
515	GR-2008-1143703	Motor cortex stimulation for upper limb functional recovery in chronic post-stroke subjects: a randomised cross-over double-blind study with six-month follow-up.	Marianna Capecci	Marche	**18,17**	10,5	32	12	€ 600.000,00	€ 370.000,00
516	GR-2008-1136518	Biological characterization of chronic lymphocytic leukemia with disrupted TP53 activity and CD49d expression: pre-clinical studies for the identification of potential therapeutic targets	Riccardo Bomben	Centro di Riferimento Oncologico	**18,17**	25	21	8,5	€ 1.200.000,00	€ 593.000,00
517	GR-2008-1142562	Rheumatoid Arthritis and osteoporosis: is RANK-L/RANK-OPG pathway the knot?	mariarosaria Bucci	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**18,17**	14	15,5	25	€ 677.500,00	€ 447.500,00
518	GR-2008-1142528	Genomic characterization of T helper response and identification of new diagnostics targets in chronic rejection of kidney transplantation	Gianluigi Zaza	Puglia	**18,17**	24	19	11,5	€ 583.000,00	€ 583.000,00
519	GR-2008-1134760	Dissetting the role of autophagy in HCV infection	Marco Corazzari	Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani	**18,17**	13	34	7,5	€ 479.000,00	€ 426.000,00
520	GR-2008-1145903	The person centered approach in the ICU. A need of change in the organizational model	francesca carosi	Emilia-Romagna	**18,17**	7	26,5	21	€ 935.000,00	€ 495.000,00
521	GR-2008-1143440	THE USE OF AMNIOTIC MESENCHYMAL CELLS (AMC) FOR TISSUE REPAIR IN OVINE AND EQUINE MODELS OF ORTHOPEDIC INJURIES	Barbara Dozza	Istituti Ortopedici Rizzoli	**18,17**	9,5	17	28	€ 713.578,00	€ 580.578,00
522	GR-2008-1138715	Postnatal closure of the ductus arteriosus: angiotensin II emerging as a new effector	barbara baragatti	Toscana	**18,17**	14,5	17	23	€ 175.650,00	€ 99.900,00

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523	GR-2008-1143092	NATURAL PRODUCTS DURING PREGNANCY AND BREAST-FEEDING	annabella vitalone	Istituto Superiore di Sanita'	**18,25**	8,5	28	0	€ 940.390,00	€ 597.300,00
524	GR-2008-1138356	Innovative method for early diagnosis of ovarian cancer based on the detection of volatile physiological markers	Francesco Hanozet	Fondazione IRCCS Istituto Nazionale dei Tumori	**18,33**	28	20	7	€ 785.862,00	€ 437.162,00
525	GR-2008-1136665	Role of pancreatic alpha- and beta-cell dysfunction in type 2 diabetes pathogenesis	Marta Letizia Hribal	Calabria	**18,33**	9,5	10,5	35	€ 434.500,00	€ 300.000,00
526	GR-2008-1141570	Collagen COL41A mutations and genetic risk factors in patients with small vessel stroke and haemorrhagic stroke	anna Bersano	Ospedale Maggiore	**18,33**	31,5	5,5	18	€ 742.000,00	€ 587.000,00
527	GR-2008-1144316	Micro-RNA-199a as a tool for diagnosis, prognosis and therapy of hepatocellular carcinoma	Catia Giovannini	Emilia-Romagna	**18,33**	21,5	15	18,5	€ 345.000,00	€ 305.000,00
528	GR-2008-1143707	Healthy lifestyles promotion in Europe. A comparative study on best practices and processes of implementation by different municipalities	Cristiano Bee	Provincia autonoma Trento	**18,33**	23,5	15	16,5	€ 337.920,00	€ 337.920,00
529	GR-2008-1136486	Chimeric DNA and plant-derived therapeutic vaccines against HPV-associated cancers	Silvia Massa	Istituto Regina Elena	**18,33**	15	24,5	15,5	€ 1.527.800,00	€ 569.800,00
530	GR-2008-1134538	Remote Care Services over the DVB-T Platform	Susanna Spinsante	Marche	**18,33**	24,5	15,5	15	€ 423.000,00	€ 318.000,00
531	GR-2008-1145126	Assessment of morbid obesity in the population of Modena. Prospective cohort study with analysis of treatment (medical or surgical) and evaluation of outcome predictors; assessment of cardiovascular and liver disease risk	Lucia Carulli	Emilia-Romagna	**18,33**	10	16,5	28,5	€ 355.000,00	€ 355.000,00
532	GR-2008-1135826	Assessment of neuropsychological and neurobiological damages of nicotine abuse	Rossella Ventura	Fondazione Santa Lucia	**18,50**	18,5	23	14	€ 398.000,00	€ 164.000,00
533	GR-2008-1142324	STRESS, NEOPLASTIC TRANSFORMATION AND DRUG RESISTANCE	ARCANGELO LISO	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**18,50**	20	16	19,5	€ 398.000,00	€ 300.000,00

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534	GR-2008-1134659	Biosafety of in vitro expanded human osteocartilagineous cells for regenerative medicine: molecular markers of transformation risk	SIMONA NERI	Istituti Ortopedici Rizzoli	**18,50**	8,5	24	23	€ 1.005.509,00	€ 561.000,00
535	GR-2008-1134986	NEW MULTIDISCIPLINARY STRATEGY FOR DRUG DISCOVERY IN NEURODEGENERATIVE DISEASES	Emiliano Biasini	Istituto Superiore di Sanita'	**18,50**	35	8	12,5	€ 915.600,00	€ 590.100,00
536	GR-2008-1136640	Development of innovative immunotherapeutic strategies against oligomeric beta amyloid isoforms by intracellular antibody technology	Alessio Cardinale	Istituto San Raffaele Pisana	**18,50**	15	24	16,5	€ 952.576,00	€ 570.000,00
537	GR-2008-1144596	The development of a biomarker-based drug for use in an antimetastasis therapy targeting the scaffolding protein NHERF1	rosa angela cardone	IRCCS Giovanni Paolo II	**18,50**	29,5	17	9	€ 549.360,00	€ 479.360,00
538	GR-2008-1136791	Study of the synaptic differentiation of ES- and iPS-derived neuronal cells: implication for future therapies	Andrea Faedo	Fondazione Centro San Raffaele del Monte Tabor	**18,50**	28,5	10	17	€ 824.000,00	€ 600.000,00
539	GR-2008-1141947	Synthesis and characterization of new VEGF analogues as neuroprotective agents in cerebral ischemia	ORNELLA CUOMO	IRCCS Fondazione SDN	**18,50**	9,5	19	27	€ 556.800,00	€ 412.800,00
540	GR-2008-1143894	Sistema integrato di gestione per l'ottimizzazione della prestazione sanitaria in ambito odontoiatrico pubblico e privato	Paolo Manzo	Agenzia per i Servizi Sanitari Regionali	**18,50**	17	23,5	15	€ 568.000,00	€ 568.000,00
541	GR-2008-1136652	Study of menin-Mixed Lineage Leukemia (MLL) interaction in leukaemic transformation	francesca marini	Toscana	**18,50**	20	14	21,5	€ 840.000,00	€ 600.000,00
542	GR-2008-1143084	Pharmacogenetics-oriented terapeutic drug monitoring (TDM) of opioids for chronic pain in clinical practice: a cost effective analysis of the best opioid	massimo allegri	IRCCS Fondazione Policlinico San Matteo	**18,67**	22	16	18	€ 1.472.000,00	€ 590.000,00
543	GR-2008-1143816	Innovative tool for Unicompartmental Knee Replacement performance improvement	Michele Spinelli	Istituti Ortopedici Rizzoli	**18,67**	9	24	23	€ 542.500,00	€ 450.000,00
544	GR-2008-1137639	A new method for melanoma prevention: total body digital photography-assisted patient self-examination and combined dermoscopy/reflectance confocal microscopy management of suspicious skin lesions.	Davide Altamura	Istituto S. Maria e S. Gallicano	**18,67**	9,5	26	20,5	€ 640.000,00	€ 600.000,00

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545	GR-2008-1138493	Assessing the influence of nanoparticles on immune system: in vitro and in vivo studies for evaluation of a new tool in diagnosis and therapy	SILVIA CORINTI	Istituto Superiore di Sanita'	**18,67**	26	19	11	€ 1.266.185,00	€ 600.000,00
546	GR-2008-1146787	Lipidomic analysis of skin surface lipids in acne	Monica Ottaviani	Istituto S. Maria e S. Gallicano	**18,67**	14	27	15	€ 416.000,00	€ 346.000,00
547	GR-2008-1144948	House and mental health: the participatory evaluation of residantial services	Mariangela Spera	Lazio	**18,67**	14	21	21	€ 555.395,00	€ 480.420,00
548	GR-2008-1144413	MEMENTO project: MEMory ENhancement by Transcranial Oscillatory potentials	Matteo Feurra	Toscana	**18,67**	19	19	18	€ 597.900,00	€ 396.900,00
549	GR-2008-1144047	Public and private veterinarian structures as epidemiological privileged observatory for the classical and emerging zoonoses in the light of new breeding tenden	michele chetta	Istituto Zooprofilattico Sperimentale della Sicilia	**18,67**	13,5	32,5	10	€ 452.000,00	€ 315.000,00
550	GR-2008-1138123	New methods for Non-ionizing imaging and guidance of ENDOvascular devices in CArdiac Surgery - NENDOCAS	Francesco Conversano	Puglia	**18,67**	14,5	22,5	19	€ 774.000,00	€ 592.000,00
551	GR-2008-1136980	Role of cardiac progenitor cells in doxorubicin induced cardiomyopathy	Antonella De Angelis	Campania	**18,67**	30	17	9	€ 355.400,00	€ 305.000,00
552	GR-2008-1138475	Prospective evaluation of real time PCR assay and and optical immunoassay (OIA) for detection of group B steptococci in vaginal swabs from pregnant women at the onset of labour.	GIULIANA SIMONAZZI	Emilia-Romagna	**18,75**	18,5	19	0	€ 399.000,00	€ 354.000,00
553	GR-2008-1144755	Optimization of chemotherapy with platinum based antitumor drugs, by DNA and/or RNA nucleobases	Michele Benedetti	Puglia	**18,83**	13	27	16,5	€ 600.000,00	€ 300.000,00
554	GR-2008-1138513	MECCANISMI TRASCRIZIONALI E TRASDUZIONALI COINVOLTI NEI FENOMENI NEUROPROTETTIVI MEDIATI DA PRECONDIZIONAMENTO E POSTCONDIZIONAMENTO ISCHEMICO A LIVELLO DELL'UNITA' NEUROVASCOLARE	GIUSEPPE PIGNATARO	IRCCS Fondazione SDN	**18,83**	19	18	19,5	€ 556.800,00	€ 412.800,00

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555	GR-2008-1138993	Increased multitasking as consequence of diffusion of new digital tools: a new severe risk for workers. Development of new multitasking protocols closer to the reality and analysis of the stress factors and cognitive impairment increasing risks for safety	Pietro Caliandro	Fondazione Don Carlo Gnocchi Onlus	**18,83**	16	20	20,5	€ 447.167,00	€ 362.000,00
556	GR-2008-1145540	THE CENTRAL ROLES OF NF-kB TRANSCRIPTION FACTORS IN THE HOST-TUMOR VICIOUS CYCLE	FRANCESCA ZAZZERONI	Abruzzo	**18,83**	15,5	30,5	10,5	€ 420.000,00	€ 360.000,00
557	GR-2008-1141528	Constraint therapy in developmental age: a study of effectiveness and brain reorganization	Valentina Torri Clerici	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**18,83**	20	14,5	22	€ 815.000,00	€ 600.000,00
558	GR-2008-1140793	Effect of preventing hyperuricemia on progression of kidney damage in hypertensive subjects	Pietro Cirillo	Puglia	**18,83**	9	28	19,5	€ 576.200,00	€ 416.200,00
559	GR-2008-1138088	Novel Agents for the Treatment of Malignant Mesothelioma	Antonello Merlino	Campania	**18,83**	11,5	33,5	11,5	€ 600.000,00	€ 600.000,00
560	GR-2008-1137754	ROLE OF GITR AND GITR LIGAND IN THE REGULATION ON THE INFLAMMATORY AND DEGENERATIVE RESPONSE ASSOCIATED TO POST TRAUMATIC SPINAL CORD INJURY AND PARKINSON DISEASE.	Rosanna Di Paola	IRCCS Centro Neurolesi "Bonino Pulejo"	**18,83**	13	24,5	19	€ 905.000,00	€ 705.000,00
561	GR-2008-1140885	Environmental and occupational risks of Carbon Nanotubes, bare and functionalized. Physico-chemical characterization and toxicity studies.	Elisa Roda	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**19,00**	17	20	20	€ 710.000,00	€ 480.000,00
562	GR-2008-1140958	Late-onset epilepsy: epidemiology, pathogenesis and recurrence predictive criteria after a first unprovoked seizure.	edoardo ferlazzo	IRCCS Centro Neurolesi "Bonino Pulejo"	**19,00**	8	23	26	€ 600.000,00	€ 510.000,00
563	GR-2008-1139848	Alternative splicing as a tool to develop novel angiogenesis regulators for therapeutic purposes.	CLAUDIA GHIGNA	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**19,00**	30	11	16	€ 663.000,00	€ 585.000,00

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564	GR-2008-1143399	Clinical-epidemiological study on the risk of carcinogenesis of oral and oropharyngeal mucosa in relation to human papilomavirus infection: role of virological and cellular markers in diagnosis and treatment planning (surgery vs radio-chemotherapy)	angelo pizzigallo	Emilia-Romagna	**19,00**	12,5	36	8,5	€ 405.000,00	€ 335.000,00
565	GR-2008-1145660	First Trimester Foetal Cardiac Ultrasound in a high risk population	Simona Boito	Ospedale Maggiore	**19,00**	20	12	25	€ 531.180,00	€ 402.380,00
566	GR-2008-1136379	Unravelling the mechanisms of the ERp44/ERGIC-53/Ero1 pathway to impact genetic diseases and ER Storage Disorders	Tiziana Anelli	Fondazione Centro San Raffaele del Monte Tabor	**19,00**	12	30,5	14,5	€ 560.000,00	€ 440.000,00
567	GR-2008-1145036	Development and employment of SOCS1 mimetic peptides for the inhibition of deleterious cytokine networks during inflammatory skin diseases	Stefania Madonna	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**19,00**	14	20	23	€ 690.700,00	€ 506.000,00
568	GR-2008-1133620	Role of fibroblasts in celiac disease	Luca Elli	Ospedale Maggiore	**19,00**	22,5	8,5	26	€ 360.000,00	€ 360.000,00
569	GR-2008-1143983	Lung tumor profiling by ProteinChip/SELDI-TOF technology and identification of specific biomarkers to use in early diagnosis.	Biagio Pucci	Istituto Nazionale Tumori Fondazione G. Pascale	**19,00**	18	17	22	€ 415.400,00	€ 355.400,00
570	GR-2008-1145507	Development of a new model for the clinical and economic evaluation of medical devices and hospital drugs in Emilia Romagna Region	Massimo Brunetti	Emilia-Romagna	**19,00**	23	20	14	€ 1.063.000,00	€ 590.000,00
571	GR-2008-1143246	Nutrition, growth and neurocognitive outcome of preterm infants at 12 months of corrected age.	Maria Lorella Giannì	Ospedale Maggiore	**19,00**	20	21	16	€ 347.550,00	€ 182.500,00
572	GR-2008-1144669	Microbial polysaccharide-induced immunosuppression: new agent for treating rheumatoid arthritis	Eva Pericolini	Istituto Superiore di Sanita'	**19,00**	16,5	15	25,5	€ 610.000,00	€ 300.000,00
573	GR-2008-1145631	REALIZATION OF A SIMULATOR TARGETED TO RESEARCH AND THERAPY OF CEREBROVASCULAR DISEASES	Gianluigi Guarnieri	Istituto Zooprofilattico Sperimentale del Mezzogiorno	**19,17**	11,5	26	20	€ 530.000,00	€ 440.000,00

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574	GR-2008-1144395	Brain plasticity in mood disorders: a neurophysiological and genetic study.	Maria Concetta Pellicciari	Centro San Giovanni di Dio - Fatebenefratelli	**19,17**	14	16,5	27	€ 721.500,00	€ 401.500,00
575	GR-2008-1138341	Next-generation sequencing approach for the identification of genetic risk factors in Amyotrophic Lateral Sclerosis	claudia colombrita	Fondazione Istituto Auxologico Italiano	**19,17**	34	10,5	13	€ 852.000,00	€ 600.000,00
576	GR-2008-1140092	Design and synthesis of new molecules active against multidrug-resistant bacteria	Cosimo Gianluca Fortuna	Sicilia	**19,17**	14,5	27	16	€ 529.859,00	€ 415.231,00
577	GR-2008-1140963	Mild Cognitive Impairment and depression: outcome and role in the onset of Alzheimer s dementia	Maria Salvina Signorelli	Associazione Oasi Maria SS.	**19,17**	12	21	24,5	€ 550.000,00	€ 245.000,00
578	GR-2008-1146664	Level of antiviral T cell function as a potential predictor of response to pegylated IFN-alfa/ribavirin re-treatment	Barbara Amadei	Emilia-Romagna	**19,17**	20,5	18	19	€ 765.600,00	€ 584.100,00
579	GR-2008-1144378	Relationship between genetic defects of homocysteine metabolism and atherothrombotic vascular risk in cardiosurgery patients.	Rea Valaperta	Regione Lombardia - Direzione Generale Sanità	**19,17**	23	16,5	18	€ 839.600,00	€ 500.000,00
580	GR-2008-1141178	Neuronal dysfunction and vascular alterations in Alzheimer's disease: an association study for a new therapeutic approach	pietro veglianese	IRCCS Multimedica	**19,17**	26	14,5	17	€ 819.487,00	€ 579.965,00
581	GR-2008-1141851	The integration of novel clinical and biomolecular prognostic/predictive factors for risk stratification in early stage non-small-cell lung cancer	EMILIO BRIA	Istituto Regina Elena	**19,17**	15,5	32	10	€ 1.783.250,00	€ 600.000,00
582	GR-2008-1137181	New small SMAC-mimetic molecules as apoptosis inducing agents in tumour therapy.	Daniele Lecis	Fondazione IRCCS Istituto Nazionale dei Tumori	**19,17**	15,5	14,5	27,5	€ 886.000,00	€ 594.000,00
583	GR-2008-1135344	New treatments direct to human breast cancer stem cells	Patrizia Damonte	Istituto Nazionale per la Ricerca sul Cancro	**19,17**	24,5	24	9	€ 714.050,00	€ 534.050,00
584	GR-2008-1143985	HuR protein as a key prognostic factor and a potential drug target in solid tumors	Alessandro Provenzani	Provincia autonoma Trento	**19,17**	18,5	27,5	11,5	€ 567.200,00	€ 442.200,00

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585	GR-2008-1142068	Immunobiology of inflammatory diseases of the central nervous system	Cinthia Farina	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**19,17**	24	16	17,5	€ 1.390.000,00	€ 600.000,00
586	GR-2008-1145901	Electronic Health Record System for clinical, diagnostical and costs data management and control	PIETRO HIRAM GUZZI	Calabria	**19,25**	22,5	16	0	€ 467.558,00	€ 304.000,00
587	GR-2008-1145389	Cardioprotective effect of telmisartan in cancer patients treated with epirubicin.	Mariele Dessi	Sardegna	**19,25**	15,5	23	0	€ 334.000,00	€ 251.000,00
588	GR-2008-1138749	RESEARCH ON POLLENS AND THEIR DIFFUSION TO PREVENT THE RISE OF RESPIRATORY ALLERGIES IN HUMAN POPULATION	Lara Staffolani	Marche	**19,33**	28	11	19	€ 343.500,00	€ 298.500,00
589	GR-2008-1143247	Extracorporeal cardiac shock waves therapy for ischemic heart disease: study of safety, efficacy and mechanisms of action	Franca Di Meglio	Campania	**19,33**	7	15	36	€ 600.000,00	€ 600.000,00
590	GR-2008-1137819	Genetics of alcohol dependence and depressive disorders: towards ad hoc therapy	FABIO GERIN	Friuli-Venezia Giulia	**19,33**	17	20,5	20,5	€ 600.000,00	€ 600.000,00
591	GR-2008-1140136	Genome-wide expression analysis of pathways involved in the onset and progression of multiple myeloma	Rosalia Maglietta	Puglia	**19,33**	17,5	19	21,5	€ 395.000,00	€ 321.000,00
592	GR-2008-1141962	A new local therapeutical approach by siRNA conjugated with non viral vectors	Pierfrancesco Cerruti	Campania	**19,33**	15	25	18	€ 579.500,00	€ 434.500,00
593	GR-2008-1143867	Early steps in the pathogenesis of chronic inflammatory diseases: identification and validation of novel molecular targets in leukocyte extravasation.	Raffaella Molteni	Fondazione Centro San Raffaele del Monte Tabor	**19,33**	11	31,5	15,5	€ 452.300,00	€ 421.300,00
594	GR-2008-1143885	Esmolol in cardiac surgery. A multicentre randomized controlled trial with clinical relevant end-points	Elena Bignami	Fondazione Centro San Raffaele del Monte Tabor	**19,33**	20,5	13	24,5	€ 486.000,00	€ 321.000,00
595	GR-2008-1143545	Cortical plasticity in healthy humans and patients with different movement disorders: correlation between repetitive transcranial magnetic stimulation findings and BDNF genotyping	Antonella Conte	Istituto Neurologico Mediterraneo Neuromed	**19,33**	10,5	16,5	31	€ 510,00	€ 305,00

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596	GR-2008-1135180	A role for calcium dysregulation in Alzheimer's disease: bridging between experimental models and humans	Paola Piscopo	Istituto Superiore di Sanita'	**19,33**	7,5	37	13,5	€ 728.323,00	€ 400.000,00
597	GR-2008-1135012	The role of microRNA-221 in hepatocarcinogenesis: a new prognostic tool and a possible target for non-conventional treatment of hepatocellular carcinoma.	Francesca Fornari	Emilia-Romagna	**19,33**	18,5	14	25,5	€ 300.000,00	€ 300.000,00
598	GR-2008-1143362	Targeting human mesenchymal stem cells to vascular lineage: new strategies encompassing differentiating and paracrine logics for vascular rescue in Pulmonary Arterial Hypertension	Silvia Cantoni	Emilia-Romagna	**19,33**	14,5	21,5	22	€ 507.463,00	€ 363.126,00
599	GR-2008-1141366	Molecular mechanism of chondrocytes phenotypical derangement in Osteoarthritis: from molecules to patients searching for "disease modifying" drugs	Eleonora Olivotto	Istituti Ortopedici Rizzoli	**19,50**	23	23,5	12	€ 871.637,92	€ 507.000,00
600	GR-2008-1142877	Caracteristics and impilications of frontotemporal dementia in amyotrophic lateral sclerosis: a population based study	Andrea Calvo	Piemonte	**19,50**	30	8,5	20	€ 330.000,00	€ 300.000,00
601	GR-2008-1145670	Early predictors of response to sorafenib in hepatocellular carcinoma studied by contrast-enhanced ultrasonography	Veronica Salvatore	Emilia-Romagna	**19,50**	17	20,5	21	€ 300.000,00	€ 300.000,00
602	GR-2008-1144939	MicroRNAs expression and potential role in bone sarcomas	Laura Pazzaglia	Istituti Ortopedici Rizzoli	**19,50**	18	21	0	€ 765.000,00	€ 545.000,00
603	GR-2008-1133987	Three dimensional dosimetry for radiotherapy by means of optically detected Fricke gel	Sveva Grande	Istituto Superiore di Sanita'	**19,50**	15	24	19,5	€ 1.248.800,00	€ 600.000,00
604	GR-2008-1137792	Social impact of the electromagnetic fields produced by GSM and UMTS cellular phones on audio/vestibular system of healthy human beings and in presence of commonest auditory/vestibular system diseases	Francesco Martines	Sicilia	**19,50**	29	15	14,5	€ 565.400,00	€ 381.400,00
605	GR-2008-1146914	MicroRNAs as Diagnostic and Therapeutic Targets in Colorectal Cancer	Pietro Carotenuto	Istituto Nazionale Tumori Fondazione G. Pascale	**19,67**	25,5	20	13,5	€ 403.000,00	€ 268.000,00

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606	GR-2008-1146233	UNAWARENESS OF DISEASE, FUNCTIONAL RECOVERY, TREATMENT COMPLIANCE AND REHABILITATION OUTCOME: A MULTIDIMENSIONAL APPROACH	Ilaria Nardone	Friuli-Venezia Giulia	**19,67**	8	28	23	€ 590.000,00	€ 540.000,00
607	GR-2008-1139252	DIFFERENTIATION OF STEM CELLS ISOLATED FROM ALTERNATIVE SOURCES: CLINICAL IMPLICATIONS CONCERNING THE REGENERATIVE MEDICINE IN LOCOMOTOR APPARATUS PATHOLOGIES	MASSIMO RICCIO	Emilia-Romagna	**19,67**	27	15	17	€ 946.044,00	€ 416.800,00
608	GR-2008-1143367	Crohn's disease and endometriosis: background and development of experimental models	ANNALISA RIZZO	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**19,67**	15,5	22,5	21	€ 997.000,00	€ 737.000,00
609	GR-2008-1137985	AUTOLOGOUS BONE MARROW CD133+ CELL TRANSPLANTATION FOR THE TREATMENT OF CRITICAL LIMB ISCHEMIA	Massimiliano Marrocco Trischitta	Fondazione Centro San Raffaele del Monte Tabor	**19,67**	15	27	17	€ 765.000,00	€ 600.000,00
610	GR-2008-1141032	IS BIOLOGICAL AGE A PREDICTOR OF MORBIDITY AND SURVIVAL IN HIV-INFECTED PATIENTS WITH END-STAGE LIVER AND KIDNEY DISEASES UNDERGOING SOLID ORGAN TRANSPLANTATION?	Stefania Cocchi	Emilia-Romagna	**19,67**	28	8,5	22,5	€ 408.000,00	€ 399.000,00
611	GR-2008-1137749	Validation of potential therapeutic targets in colorectal cancer	LUCA MOLOGNI	Regione Lombardia - Direzione Generale Sanità	**19,67**	14	26	19	€ 354.390,00	€ 195.700,00
612	GR-2008-1135142	Follow-up & Family Screening package for improvement the quality of hospital clinical services and the accountability of system: a innovative application designed to facilitate the follow-up management and to increase of prevention activities of oncologic	Maria Annunziata Lucarelli	IRCCS Centro di Riferimento Oncologico della Basilicata (CROB)	**19,67**	21	21	17	€ 939.000,00	€ 439.000,00
613	GR-2008-1143166	New histone deacetylase inhibitors with anticancer properties and potential translational activity	Cristina Cellai	Toscana	**19,67**	14,5	13	31,5	€ 492.000,00	€ 450.000,00

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614	GR-2008-1143903	Prevenzione dello sviluppo di Obesità e Sindrome Metabolica in soggetti predisposti e Riabilitazione cardiovascolare: elaborazione di linee guida di attività fisica e studio di applicabilità sul territorio.	Serpe Roberto	Sardegna	**19,67**	28	20	11	€ 300.000,00	€ 300.000,00
615	GR-2008-1141111	Research of Biomarkers in Clinical Nephrology	Riccardo Magistroni	Emilia-Romagna	**19,67**	28	18,5	12,5	€ 851.850,00	€ 593.250,00
616	GR-2008-1141792	Improvement of diagnosis, care and follow-up for patients affected by Multiple Osteochondromas by refined molecular profiling of Glycosaminoglycans	manuela locatelli	Istituti Ortopedici Rizzoli	**19,75**	27,5	12	0	€ 700.000,00	€ 405.000,00
617	GR-2008-1142445	Definition of new biomarkers and methodologies for the evaluation of the quality of ageing: a biomedical, genetic and statistic integrated approach	SERENA DATO	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**19,83**	22,5	9	28	€ 789.000,00	€ 530.000,00
618	GR-2008-1143040	Protein deamidation and Bcl-XL-mediated apoptosis in hepatic fibrosis progression and in hepatic stellate cells activation	Maria Luigia De Bonis	Campania	**19,83**	23	20,5	16	€ 410.000,00	€ 370.000,00
619	GR-2008-1141285	The use of carbon nanotubes (CNT) engineered or other nanomaterials (NMs) as nucleic acid carriers in vitro cell culture	Anna Rita petrinca	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana	**19,83**	8,5	29	22	€ 350.000,00	€ 350.000,00
620	GR-2008-1145495	Development and clinical experimentation of a low-cost telerehabilitation framework based on kinematic and electromyographic biofeedback techniques	Alberto Ranavolo	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**19,83**	35	17	7,5	€ 520.000,00	€ 455.000,00
621	GR-2008-1138243	Products of pathogens with immunosuppressant and immunomodulatory activity	Silvia Rossi Paccani	Istituto Superiore di Sanita'	**19,83**	28	6,5	25	€ 732.000,00	€ 588.000,00
622	GR-2008-1133848	Role of Diabetes and Oxidative Stress in the development of Renal Cell Carcinoma	Simona Simone	Puglia	**19,83**	26,5	15	18	€ 458.000,00	€ 458.000,00
623	GR-2008-1142714	Temporal dynamics of susceptible population and the health effects of environmental exposures: cohort study of the effects of air pollution and extreme temperatures on the resident population of Rome	Massimo Stafoggia	Lazio	**19,83**	16,5	23	20	€ 530.000,00	€ 500.000,00

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624	GR-2008-1142370	INNOVATIVE TECHNIQUES OF BONE TUMOR ABLATION BY ASSOCIATION OF ELECTROPORATION AND CHEMOTHERAPEUTICS	Matilde Tschon	Istituti Ortopedici Rizzoli	**20,00**	23	17	0	€ 1.139.899,00	€ 598.424,00
625	GR-2008-1138512	Can the involvement of cutaneous sensory and autonomic nerves early differentiate Parkinson disease from atypical parkinsonisms? A multidisciplinary approach study.	Autilia Cozzolino	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**20,00**	31	12,5	16,5	€ 650.000,00	€ 465.000,00
626	GR-2008-1144527	PHAGOCYTOSIS IN PHOTODYNAMIC ANTI-TUMOR THERAPY	Elisa Panzarini	Puglia	**20,00**	10	17,5	32,5	€ 1.298.000,00	€ 590.000,00
627	GR-2008-1146999	Gambling and deception in PD patients: Phenomenology, neural correlates and possible treatments	Enea Francesco Pavone	Fondazione Santa Lucia	**20,00**	12	27	21	€ 534.000,00	€ 534.000,00
628	GR-2008-1143089	Dynamic design of new antitumoral drugs	Ottavia Spiga	Toscana	**20,00**	15,5	32,5	12	€ 556.000,00	€ 335.000,00
629	GR-2008-1137889	Treatment adherence in people affected by psychosis using community mental health services: effectiveness of an innovative intervention aimed at improving antipsychotic medication compliance and outpatient attendance.	alberto parabiaghi	Regione Lombardia - Direzione Generale Sanità	**20,00**	23,5	22	14,5	€ 597.500,00	€ 492.500,00
630	GR-2008-1143950	Puberty in Autism Spectrum Disorders	Liliana Ruta	Associazione Oasi Maria SS.	**20,00**	8	30	22	€ 524.296,00	€ 430.000,00
631	GR-2008-1135596	Effect of polyphenols-rich extra virgin olive oil on childhood obesity: making the connection between inflammation, insulin resistance and iron deficiency	Beatrice Scazzocchio	Istituto Superiore di Sanita'	**20,00**	20	16	24	€ 921.000,00	€ 421.000,00
632	GR-2008-1141423	Advanced proteomic technologies for the identification of the molecular basis of congenital diserythropoietic anaemia type II	Elisa Fermo	Ospedale Maggiore	**20,00**	18	18	24	€ 436.080,00	€ 399.000,00
633	GR-2008-1137738	PRESERVATION OF THE REPRODUCTIVE FUNCTION IN ONCOLOGICAL CHILDREN AND WOMEN AT RISK OF STERILITY	Valentina Magnani	Emilia-Romagna	**20,17**	23,5	12	25	€ 156.000,00	€ 112.000,00

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634	GR-2008-1142735	Bipolar disorder and metabolic syndrome: early identification of the risk, pharmacotherapy problems, and patients quality of life	Gianluca Rosso	Piemonte	**20,33**	19	12	30	€ 346.000,00	€ 326.000,00
635	GR-2008-1135436	Innovative molecular tools for the diagnosis and the epidemiology of imported malaria in Italy	Simona Peruzzi	Emilia-Romagna	**20,33**	23	13	25	€ 300.000,00	€ 300.000,00
636	GR-2008-1137876	Integration and development of bioinformatic tools for the medical-oriented analysis of the correlations between DNA variations and human diseases	Pier Luigi Martelli	Istituti Ortopedici Rizzoli	**20,33**	16	33	12	€ 480.000,00	€ 400.000,00
637	GR-2008-1141041	Diagnostic workup and epidemiological monitoring of IgE-mediated allergic diseases combining allergenic molecules, microarray-based IgE detection, and information technology resources	maria livia bernardi	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**20,33**	30,5	7,5	23	€ 1.210.000,00	€ 635.000,00
638	GR-2008-1136043	Metabolic Syndrome in Women: prevention of metabolic, cardiovascular and oncological complications	Luigi Fontana	Istituto Superiore di Sanita'	**20,33**	14,5	20,5	26	€ 785.000,00	€ 585.000,00
639	GR-2008-1136607	Understanding emotions in children: the case of Williams Syndrome	Deny Menghini	Lazio	**20,33**	20	26	15	€ 949.000,00	€ 592.000,00
640	GR-2008-1140627	Optimization and customization of the surgical ventricular restoration technique based on biomechanical modelling	Paola Bagnoli	IRCCS Policlinico San Donato	**20,33**	27	12	22	€ 955.000,00	€ 580.000,00
641	GR-2008-1145956	Analysis of gene expression in cumulus cells in order to determine markers that, in addition to the existing morphological parameters, can be used to select oocytes for fertilization, in according with Italian Law 40/2004 on Assisted Reproductive Technolo	Edgardo Somigliana	Ospedale Maggiore	**20,33**	33,5	7,5	20	€ 528.622,00	€ 467.222,00
642	GR-2008-1144081	A new approach for studying PMP70 implication in X-linked Adrenoleukodystrophy clinical phenotype	Rita Di Benedetto	Istituto Superiore di Sanita'	**20,33**	22	17,5	21,5	€ 668.000,00	€ 336.000,00
643	GR-2008-1144641	HEREDITARY BREAST AND OVARIAN CANCER: NOVEL APPROACHES TO CLASSIFY BRCAX PATIENTS	Grazia Lombardi	Toscana	**20,33**	24,5	21,5	15	€ 600.000,00	€ 600.000,00

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644	GR-2008-1146627	Development in plants of novel strategies of oral immunization in Alzheimer's disease (AD)	Antonella Vitti	Basilicata	**20,33**	9	35	17	€ 600.000,00	€ 600.000,00
645	GR-2008-1137390	Health Communication and Staff Satisfaction as tools for the enhancement of service quality provision within the National Health System: an evaluative analysis correlated by empirical data and pragmatic considerations.	Greta Brardinoni	Marche	**20,33**	11,5	13	36,5	€ 410.000,00	€ 305.000,00
646	GR-2008-1136182	Role of Tie-2 Expressing Monocytes (TEMs) and Endothelial Progenitor Cells (EPCs) in Retinal and Choroidal Neovascularization	Gemma Tremolada	Fondazione Centro San Raffaele del Monte Tabor	**20,33**	30,5	17,5	13	€ 661.000,00	€ 598.000,00
647	GR-2008-1141841	OPTIMIZATION OF INTERFERON-BETA ANTITUMOR ACTIVITY IN PANCREATIC TUMORS	GIOVANNI VITALE	Fondazione Istituto Auxologico Italiano	**20,33**	9,5	38,5	13	€ 434.000,00	€ 310.000,00
648	GR-2008-1137015	Team is brain: combating stroke by ultra-early neurosonologic diagnosis and therapy.	Lavinia Dinia	Liguria	**20,50**	35,5	10,5	15,5	€ 523.350,00	€ 463.350,00
649	GR-2008-1144478	Use of immunotherapy by allergists and perceived efficacy among patients in Italy	Patrizia Iacovacci	Istituto Superiore di Sanita'	**20,50**	24,5	9	28	€ 599.400,00	€ 545.000,00
650	GR-2008-1144208	Prospective translational study of a multifactorial system to predict response to HER2-targeted drugs in patients with HER2-positive advanced breast cancer	Giuseppe Gullo	Istituto Clinico Humanitas	**20,50**	21	17,5	23	€ 340.000,00	€ 305.000,00
651	GR-2008-1144062	Polymeric hydrogels realization for application as bulking agents in urinary incontinence	Vincenzo De Benedictis	Puglia	**20,50**	15	28,5	18	€ 1.457.000,00	€ 600.000,00
652	GR-2008-1138597	Analysis of microRNA in first stage epithelial ovarian cancer and correlation with clinical and pathological data	Robert Fruscio	Regione Lombardia - Direzione Generale Sanità	**20,67**	17	24	21	€ 1.355.960,00	€ 552.150,00
653	GR-2008-1139740	Defining the interplay between genetic and epigenetic events in inflammation-associated cancer	Serena Ghisletti	Istituto Europeo di Oncologia	**20,67**	18,5	26	17,5	€ 612.150,00	€ 410.850,00
654	GR-2008-1137992	Impact of dietary fructose and fatty acids on the regulation of energy balance: implications on obesity and insulin resistance	Raffaella Crescenzo	Campania	**20,67**	11	12	39	€ 900.000,00	€ 600.000,00

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655	GR-2008-1135724	Neurofunctional assessment of patients with low levels of consciousness	Marino Silvia	IRCCS Centro Neurolesi "Bonino Pulejo"	**20,67**	26	19,5	16,5	€ 570.000,00	€ 480.000,00
656	GR-2008-1136835	Foreign expectant mothers, midwifes and Public health care services: a study on a work in progress relationship	Andrea Pintus	Emilia-Romagna	**20,67**	24,5	14	23,5	€ 577.500,00	€ 477.500,00
657	GR-2008-1136241	Primary biliary cirrhosis and systemic sclerosis: the role of TGF beta polymorphisms and gene expression	Marco Sergio Massarotti	Istituto Clinico Humanitas	**20,67**	27	12,5	22,5	€ 478.400,00	€ 360.000,00
658	GR-2008-1141181	In vivo and in vitro analyses of the molecular mechanisms involved in cerebral vasospasm following subarachnoid hemorrhage: evaluation of the role of oxidative stress and of local inflammation as possible therapeutic targets.	ALESSANDRO FRATI	Istituto Neurologico Mediterraneo Neuromed	**20,67**	23,5	19,5	19	€ 450.000,00	€ 450.000,00
659	GR-2008-1139875	Proteomic study of cancer biomarkers in incident cases and in subjects with high familiarity for cancer	Francesco Gianfagna	Molise	**20,83**	18	33	11,5	€ 861.300,00	€ 599.500,00
660	GR-2008-1134593	Mitochondria involvemente in the pathogenesis of Spinocerellar Ataxia type 1	lamperti costanza	Istituto "Eugenio Medea" - Associazione La Nostra Famiglia	**20,83**	20	17	25,5	€ 702.110,00	€ 444.110,00
661	GR-2008-1136614	Susceptibility of botulinum neurotoxins and botulinum neurotoxin-producing clostridia to ultrasound treatment	Concetta Scalfaro	Istituto Superiore di Sanita'	**20,83**	17,5	24	21	€ 781.400,00	€ 596.400,00
662	GR-2008-1141791	Induction of fetal hemoglobin in primary erythroid cells using new pharmacological agents: a model for the treatment of haemoglobinopathies	ALICE PECORARO	Sicilia	**20,83**	13,5	30	19	€ 444.000,00	€ 378.000,00
663	GR-2008-1136380	Identification of specific markers of Hepatocellular carcinoma (HCC) cancer stem cells (CSCs) and development of targeted therapies for this liver compartment.	Stefania Senger	Istituto Nazionale Tumori Fondazione G. Pascale	**20,83**	13,5	29	20	€ 848.000,00	€ 598.000,00
664	GR-2008-1146223	INFECTIONS BY MULTIPLE HUMAN PAPILLOMAVIRUS TYPES: BIOLOGY AND IMPACT ON THE RISK OF CERVICAL INTRAEPITHELIAL NEOPLASIA	Barbara Dal Bello	IRCCS Fondazione Policlinico San Matteo	**20,83**	31	20	11,5	€ 550.000,00	€ 360.000,00

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665	GR-2008-1144148	Pattern of cardiovascular risk in chronic kidney disease patients	Emiliana Ferramosca	Emilia-Romagna	**20,83**	24,5	14	24	€ 265.000,00	€ 175.000,00
666	GR-2008-1146038	"Macro impact on tumor breast cancer recurrences by modulating the micro: role of microRNAs in tumor microenvironment."	Milena Sabrina Nicoloso	Istituto Nazionale Tumori Fondazione G. Pascale	**20,83**	31	22,5	9	€ 738.000,00	€ 238.100,00
667	GR-2008-1146254	Skeletal muscle tissue engineering using Amniotic Fluid Stem (AFS) cells for the reapir of congenital defect.	Paolo De Coppi	IRCCS Istituto Ortopedico Galeazzi	**20,83**	16	15,5	31	€ 173.000,00	€ 89.000,00
668	GR-2008-1136211	Robotic Rehabilitation therapy in neurological disabilities	Fabrizio Patanè	Ospedale Pediatrico Bambino Gesu	**20,83**	18	20,5	24	€ 789.800,00	€ 592.800,00
669	GR-2008-1138057	11-C Choline PET/CT-guided Helical Tomotherapy for the treatment of lymph node relapse in prostate cancer patients	stefano schipani	Fondazione Centro San Raffaele del Monte Tabor	**20,83**	14,5	19	29	€ 790.000,00	€ 600.000,00
670	GR-2008-1142716	PPARa, fibrates and pancreatic cancer	Simone Polvani	Istituto Superiore di Sanita'	**21,00**	15,5	21	26,5	€ 600.000,00	€ 385.000,00
671	GR-2008-1134902	PROTEOMIC INVESTIGATION ON MICE FOLLOWING ADMINISTRATION OF GROWTH-PROMOTING AGENTS	Donatella Nardiello	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	**21,00**	21	29	13	€ 600.000,00	€ 420.000,00
672	GR-2008-1142689	Virtual District Management for Healthcare Systems	Pierluigi Argoneto	Basilicata	**21,00**	15	28	20	€ 610.000,00	€ 430.000,00
673	GR-2008-1133867	Biomateriali ispirati a proteine elastomere/Elastomeric protein-inspired biomaterials	Brigida Bochicchio	Basilicata	**21,00**	18	28	17	€ 396.000,00	€ 280.000,00
674	GR-2008-1133562	Mental retardation and neurodevelopment: from disease-genes to systems biology	Silvio Tosatto	Veneto	**21,00**	37	16	10	€ 520.500,00	€ 432.000,00
675	GR-2008-1139026	Proteomic characterization of differentially expressed and oxidized proteins in hypoxic and infective processes responsible for brain damage	Cosetta Felici	Toscana	**21,00**	19,5	22,5	0	€ 315.000,00	€ 315.000,00

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676	GR-2008-1141502	INNOVATIVE APPROACHES FOR DEVELOPMENT OF NEW DRUGS ACTIVE IN PREVENTING OR CURING INFLAMMATORY PROCESSES(MUCOSITIS)INDUCED BY CHEMO-and / or RADIOTHERAPY.	PIETRO TRISOLINI	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**21,00**	24	22	17	€ 1.254.424,00	€ 453.750,00
677	GR-2008-1144634	IMMUNOPATHOGENIC MECHANISMS IN TOURETTE S SYNDROME AND MULTIPLE SCLEROSIS	Davide Martino	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**21,00**	29	13	0	€ 243.000,00	€ 198.000,00
678	GR-2008-1144942	Cell-free cryopreserved arterial allografts from multiorgan donors: a new strategy to fabricate artificial blood vessels suited for peripheral vascular surgery.	Laura Foroni	Emilia-Romagna	**21,00**	25	18	20	€ 600.000,00	€ 543.700,00
679	GR-2008-1134668	Immigrant and Italian HIV-positive individuals: two population in comparison	Daniela Bernasconi	Istituto Superiore di Sanita'	**21,00**	30	23,5	9,5	€ 1.190.000,00	€ 600.000,00
680	GR-2008-1137756	Hippocampal A2A receptor/BDNF functional interactions in a transgenic model of Alzheimer s disease (AD)-like Tau pathology.	Martire Alberto	Istituto Superiore di Sanita'	**21,00**	24	22	17	€ 795.700,00	€ 599.700,00
681	GR-2008-1143682	The role and the influence of the Information and Communication Technology and the Social Network Analysis for the improvement of Diabetic patients care paths	oscar tamburis	Agenzia per i Servizi Sanitari Regionali	**21,17**	23	23,5	17	€ 415.800,00	€ 249.800,00
682	GR-2008-1137801	GENETIC CORRELATION BETWEEN POSTNATAL WEIGHT GAIN AND SLEEP BEHAVIOUR: LONGITUDINAL STUDY OF NEWBORN ITALIAN TWINS	Sonia Brescianini	Istituto Superiore di Sanita'	**21,17**	15,5	27	21	€ 921.250,00	€ 598.950,00
683	GR-2008-1144882	New tools for the diagnosis of immunodeficiencies with cytolytic defects and search for new gene related disease.	Stefania Marcenaro	Istituto "Giannina Gaslini"	**21,17**	13,5	26	24	€ 425.000,00	€ 300.000,00
684	GR-2008-1146387	Angiogenic and Immunogenic Aspects of Coronary Transplant Arteriosclerosis	Chiara Castellani	Veneto	**21,17**	19	28,5	16	€ 496.500,00	€ 346.500,00
685	GR-2008-1142684	Use of Intensity Modulated Radiotherapy (IM-RT) for the treatment of Hodgkin's Lymphoma; biological basis of activity and study of late effects	luminari stefano	Emilia-Romagna	**21,17**	21	9	33,5	€ 635.000,00	€ 420.000,00

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686	GR-2008-1145569	New anticoagulant thrombin inhibitors: evaluation of cell response and kinetic studies	Bernardetta Anna Tenuzzo	Puglia	**21,17**	26	17	20,5	€ 1.336.000,00	€ 577.000,00
687	GR-2008-1142989	The neuronal basis of activity and plasticity in the cortico-cerebellar loop and its anomalies in brain disorders	Paola Lombardo	Fondazione "Istituto Neurologico Casimiro Mondino"	**21,17**	23	19	21,5	€ 497.000,00	€ 316.000,00
688	GR-2008-1145136	The avoidable diagnostic delay for diagnosis of acute aortic syndromes	ELENA BIAGINI	Agenzia per i Servizi Sanitari Regionali	**21,17**	14,5	33	16	€ 1.075.000,00	€ 565.000,00
689	GR-2008-1145341	Identification of molecular markers of apoptosis resistance and invasiveness as targets of innovative therapy strategy for high malignant human gliomas	Benedetta Cinque	Abruzzo	**21,17**	18,5	32	13	€ 436.700,00	€ 216.700,00
690	GR-2008-1144566	Atherosclerosis: relationship between lipids, toxic and autoimmune factors in induction of intimal inflammation and damage	francesco poti	Emilia-Romagna	**21,17**	21	22,5	20	€ 460.000,00	€ 410.000,00
691	GR-2008-1136923	Anemia of inflammation: investigation on impaired iron regulation in acutely ill patients and their clinical outcome	maria domenica carrabba	Ospedale Maggiore	**21,17**	20	25	18,5	€ 396.000,00	€ 300.000,00
692	GR-2008-1136824	mGlu3 metabotropic glutamate receptors as new targets to induce neuroprotection by increasing glial cell line-derived neurotrophic factor expression in experimental models of parkinsonism	Gemma Molinaro	Istituto Neurologico Mediterraneo Neuromed	**21,17**	14,5	41	8	€ 460.000,00	€ 400.000,00
693	GR-2008-1146323	Impulsive dyscontrol and borderline personality disorder: from psychopathological dimensions to clinical issues and genetic correlates.	Camilla Rinaldi	Piemonte	**21,33**	26,5	18	19,5	€ 367.280,00	€ 367.280,00
694	GR-2008-1137913	Genetic and biochemical characterization of markers for Huntington's disease.	Giulia De Vivo	Campania	**21,33**	12,5	24,5	27	€ 576.000,00	€ 436.000,00
695	GR-2008-1137943	Applications of Raman Imaging and Tweezers to medical diagnostics of hematological diseases	alessandro vergara	Istituto Zooprofilattico Sperimentale del Mezzogiorno	**21,33**	15	23	26	€ 550.000,00	€ 550.000,00
696	GR-2008-1143402	Identification and validation of new therapeutic targets for mantle cell lymphoma	Jessica Dal Col	Centro di Riferimento Oncologico	**21,33**	19	17,5	27,5	€ 519.000,00	€ 475.000,00

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697	GR-2008-1143274	The role of CBX7 and its interactors in cancer	pierlorenzo pallante	Istituto Nazionale Tumori Fondazione G. Pascale	**21,33**	20	22	22	€ 600.000,00	€ 600.000,00
698	GR-2008-1145316	INNOVATIVE DIAGNOSIS OF ACUTE CORONARY SYNDROMES THROUGH DETECTION OF MITOGEN-ACTIVATED PROTEIN KINASES UP-REGULATION IN T-LYMPHOCYTES	antonio curcio	Calabria	**21,33**	22	25	17	€ 498,75	€ 321,63
699	GR-2008-1134854	Innovative Technologies in Mental Retardation Genetics (ITER)	ELENA BONORA	Emilia-Romagna	**21,33**	40	14	10	€ 734.505,00	€ 597.915,00
700	GR-2008-1135747	Definition of the tumor cytokine profile in gastric and rectal cancer for the prediction of tumor responsivness to preoperative chemoradiotherapy (pCRT)	AGOSTINI MARCO	Veneto	**21,33**	14	24	26	€ 856.500,00	€ 600.000,00
701	GR-2008-1134887	The clinical role of risk biomarkers and genetic polymorphisms of drug-metabolizing enzymes in breast cancer chemoprevention with tamoxifen: towards the implementation of individualized medicine	Debora Macis	Istituto Europeo di Oncologia	**21,33**	23	17	24	€ 688.050,00	€ 490.050,00
702	GR-2008-1143676	A UNIQUE EXAMPLE OF IMMUNE TOLERANCE IN HUMANS: THE FETOMATERNAL MODEL	Francesca D'Addio	Fondazione Centro San Raffaele del Monte Tabor	**21,33**	27	22	15	€ 692.250,00	€ 600.000,00
703	GR-2008-1140682	Human cord blood stem and progenitor cell transplantation in preclinical models of motor neuron diseases; therapeutic potential and risk assessment for future approaches in ALS patients	Bigini Paolo	Ospedale Maggiore	**21,50**	21	32	11,5	€ 699.000,00	€ 380.800,00
704	GR-2008-1135652	Screening Asymptomatic Patients With Diabetes for Unknown Coronary Artery Disease: Does it Reduce Risk? An Open-Label Randomized Trial Comparing a Strategy Based on Exercise Testing Aimed at Revascularization with Management Based on Pharmacological/Beha	fabrizio Turrini	Emilia-Romagna	**21,50**	27,5	10,5	26,5	€ 950.000,00	€ 600.000,00
705	GR-2008-1146997	BONE & HEART	Luca Miele	Regione Lombardia - Direzione Generale Sanità	**21,50**	25,5	14	25	€ 990.000,00	€ 600.000,00

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706	GR-2008-1143278	NOVEL APPROACHES TO TREATMENT OF BREAST CANCER	Vanessa Nicolin	Friuli-Venezia Giulia	**21,50**	24	20	20,5	€ 300.000,00	€ 300.000,00
707	GR-2008-1135684	Development of a diagnostic system based on nanoparticles for in vivo detection of misfolded protein (PrPSc) in biological fluids from scrapie affected ovine	Cinzia Santucciu	Istituto Zooprofilattico Sperimentale della Sardegna	**21,50**	17	29	18,5	€ 731.000,00	€ 450.000,00
708	GR-2008-1145806	Fish and seafood species genetic identification to prevent illegal mislabelling: the case of Pangasius (Pangasius hypophthalmus)	Floriana Ciarrocchi	Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise	**21,50**	16	14,5	34	€ 503.205,00	€ 347.215,00
709	GR-2008-1133662	Spirituality, cognitive and emotional components of empathy in patients with frontotemporal dementia and severe mental disorders	ROSA MANENTI	Centro San Giovanni di Dio - Fatebenefratelli	**21,67**	27	12	26	€ 653.260,00	€ 376.860,00
710	GR-2008-1143404	Molecular and genetic basis of the antibiotic resistance and virulence in Acinetobacter baumannii	Laura Villa	Istituto Superiore di Sanita'	**21,67**	29	25	11	€ 1.099.200,00	€ 585.200,00
711	GR-2008-1145629	Use of mobile ultra-clean exponential laminar flow screen for reduction of clinical infection in cardiac electrophysiology device implantation: does it permit to reduce antibiotic treatment?	Luca Panchetti	Toscana	**21,67**	11	28,5	25,5	€ 1.039.200,00	€ 589.200,00
712	GR-2008-1142550	Relation between circadian variations of melatonin secretion, electroencephalographic pattern and outcome of patients with severe neurological damage.	silvia grossi	Emilia-Romagna	**21,67**	19,5	24,5	21	€ 375.000,00	€ 325.000,00
713	GR-2008-1144331	Dendritic Cells loaded with autologous tumor lysate: immunologic and proteomic analysis to improve antitumour vaccine potency and efficacy	MASSIMILIANO PETRINI	Emilia-Romagna	**21,67**	25	25	15	€ 639.700,00	€ 383.000,00
714	GR-2008-1143488	Role of protein kinase ATM in neurodegeneration and tumorigenesis	Maria Paola Paronetto	Fondazione Santa Lucia	**21,75**	23,5	20	0	€ 406.000,00	€ 187.000,00
715	GR-2008-1143792	Lactic acid bacteria and prevention of human cancer caused by food-born compounds: identification of the fundamental mechanisms and the molecular components involved.	Teresa Lorenzi	Marche	**21,83**	19	9,5	37	€ 383.000,00	€ 293.000,00

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716	GR-2008-1137116	Innovative organizational models in primary health care and their impact on the quality of care.	Milena Belletti	Emilia-Romagna	**21,83**	19	21	25,5	€ 300.000,00	€ 300.000,00
717	GR-2008-1139912	Therapeutic vaccine against papillomavirus induced tumours in cattel: an animal model for human disease and impact on public health	Valeria Russo	Istituto Regina Elena	**21,83**	27,5	19	19	€ 753.437,00	€ 469.000,00
718	GR-2008-1138262	In vitro studies about the immunogenicity of donkey's milk in primary oral and intestinal mucosa cultures, and in vivo studies on paediatric patients suffering from allergy/intolerance to cow's milk proteins and on intolerant adults with osteopenia/osteop	Domenico Compilato	Istituto Zooprofilattico Sperimentale della Sicilia	**21,83**	17	38,5	10	€ 761.500,00	€ 511.500,00
719	GR-2008-1140386	Endocrine Disruptors and human exposure: Biotechnological approaches for detection and bioremediation	Elisa Michelini	Istituto Zooprofilattico Sperimentale del Mezzogiorno	**21,83**	19	9	37,5	€ 1.289.233,00	€ 583.815,00
720	GR-2008-1140468	LIFESTYLE INTERVENTION (DIET, PHYSICAL ACTIVITY AND BEHAVIOR THERAPY) FOR THE PATIENT WITH FATTY LIVER AND METABOLIC SYNDROME	Lucia Miglioli	Emilia-Romagna	**21,83**	33	14,5	18	€ 926.000,00	€ 600.000,00
721	GR-2008-1144382	treatment of post-menopausal osteoporosis: the role of cannabinoid/vanilloid system	francesca rossi	Campania	**21,83**	19	22,5	24	€ 459.000,00	€ 432.000,00
722	GR-2008-1145072	Role of the lymphatic system in metastatic capacity of melanoma.	Emirena Garrafa	Regione Lombardia - Direzione Generale Sanità	**21,83**	22,5	19,5	23,5	€ 305.000,00	€ 305.000,00
723	GR-2008-1134408	Development of methodologies for improving diagnostic and predictive capabilities of DCE-MRI of the rectal cancer	mario sansone	Istituto Nazionale Tumori Fondazione G. Pascale	**21,83**	19,5	25,5	20,5	€ 600.000,00	€ 600.000,00
724	GR-2008-1142557	Sinonasal Cancer National Register (ReNaTuNS)	Alessandra Binazzi	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**21,83**	7,5	32,5	25,5	€ 605.000,00	€ 400.000,00
725	GR-2008-1143157	Assessment of hematologycal parameters in a Sicilian population exposed to pollutants: a comparative screening	rosaria acquaviva	Sicilia	**21,83**	15,5	37	13	€ 674.804,00	€ 514.804,00

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726	GR-2008-1142072	Studying the human cytokinome by a systems biology approach	Susan Costantini	Istituto Nazionale Tumori Fondazione G. Pascale	**22,00**	28 17,5 20,5	€ 562.000,00	€ 510.000,00
727	GR-2008-1137160	Sviluppo e validazione del ruolo del pronto soccorso in percorsi di integrazione socio-sanitaria	Luca Iaboli	Emilia-Romagna	**22,00**	18 18,5 29,5	€ 725.722,00	€ 532.922,00
728	GR-2008-1135058	STUDY OF THE ROLE OF CARDIAC DYSFUNCTION IN THE PATHOGENESIS OF HEPATORENAL SYNDROME IN PATIENTS WITH ADVANCED CIRRHOSIS	massimo cazzaniga	IRCCS Policlinico San Donato	**22,00**	15 26 25	€ 303.000,00	€ 303.000,00
729	GR-2008-1137805	Novel imaging and molecular approaches for the detection and prognostic classification of prostate cancer	giovanna chiorino	Piemonte	**22,00**	19 28 19	€ 506.400,00	€ 440.000,00
730	GR-2008-1140432	Hub & Spoke network for skeletal dysplasia: an interdisciplinary approach to optimize clinical-diagnostic protocols and information exchange	MONIA ZUNTINI	Istituti Ortopedici Rizzoli	**22,00**	34 10 0	€ 820.000,00	€ 450.000,00
731	GR-2008-1143890	Molecular mechanisms involved in leukocyte recruitment in cerebral vessels and in the pathogenesis of seizures and epilepsy	Paolo Fabene	IRCCS Centro Neurolesi "Bonino Pulejo"	**22,00**	20 41 5	€ 820.000,00	€ 600.000,00
732	GR-2008-1143364	Nanoparticles for biomedical applications: physico-chemical characteristics and toxicological properties	Barbara De Berardis	Istituto Superiore di Sanita'	**22,00**	16 32 18	€ 981.593,00	€ 600.000,00
733	GR-2008-1143361	Identification of molecular targets for innovative therapeutic strategy for thyroid tumors	Nadia Rosalia Caccamo	Sicilia	**22,00**	31 19 16	€ 900.000,00	€ 600.000,00
734	GR-2008-1143863	Integration of New Technologies for Minimally Invasive Diagnosis, Surgery and Clinical Outcome Prediction: The Use of Image Guided Surgery (IGS) and Computer Assisted Surgery (CAS) in the Treatment of Musculoskeletal Tumours	Nicola Francesco Lopomo	Istituti Ortopedici Rizzoli	**22,00**	38 13,5 14,5	€ 1.008.090,00	€ 589.703,00
735	GR-2008-1144064	Genetic mapping of coronary heart disease	fabiana filigheddu	Sardegna	**22,00**	19 25 0	€ 714.000,00	€ 479.000,00
736	GR-2008-1139638	Definition of new long term predictive biomarkers of T2D and associated CVD, and identification of novel therapeutic targets.	benedetta mattioli	Istituto Superiore di Sanita'	**22,00**	29,5 12 24,5	€ 1.254.000,00	€ 600.000,00

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737	GR-2008-1140822	The Tau protein of oral mucosa in Alzheimer's disease: a citological and histological evaluation	GIUSEPPE ALESSANDRO SCARDINA	Associazione Oasi Maria SS.	**22,00**	31	22	13	€ 504.723,00	€ 446.000,00
738	GR-2008-1143987	Mutational and non-mutational molecular abnormalities in differentiated thyroid carcinomas resistant to conventional therapies: implications for diagnosis and therapy	Roberta Malaguarnera	Calabria	**22,17**	8	41,5	17	€ 327.000,00	€ 310.000,00
739	GR-2008-1137376	Oral reservoir of Helicobacter Pylori. Correlation between full mouth disinfection and recurrence of peptic ulcer	carlo galli	Emilia-Romagna	**22,17**	20	21,5	25	€ 329.000,00	€ 283.000,00
740	GR-2008-1138687	Training cognitivo specifico ed aspecifico quale fattore facilitante la dimissione ed il reinserimento di soggetti broncopneumopatici anziani/Specific and aspecific cognitive training as a factor to facilitate hospital discharge and reinstatement of elder	DANIELA RITA BONARDI	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**22,17**	12,5	23	31	€ 475.000,00	€ 343.000,00
741	GR-2008-1143015	Hyperhomocysteinemia as a cardiovascular risk factor: development of new approaches for monitoring and treatment.	Rosanna Capasso	Campania	**22,17**	29	20	17,5	€ 530.000,00	€ 500.000,00
742	GR-2008-1142423	DIAGNOSTIC AND THERAPEUTIC STRATEGIES IN EPILEPSIES DUE TO PUTATIVE INFLAMMATORY AND IMMUNE-MEDIATED PATHOGENESIS AND STUDY ON THE SEIZURE PROMOTER EFFECT OF INFLAMMATORY PROCONVULSIVE AGENTS IN EXPERIMENTAL MODELS OF EPILEPSY.	Specchio Nicola	Ospedale Pediatrico Bambino Gesu	**22,17**	27	19	20,5	€ 1.185.373,00	€ 597.085,00
743	GR-2008-1134159	Ex vivo effects induced by tissue transglutaminase 2 inhibition in celiac disease	Leda ROSALBA Roncoroni	Regione Lombardia - Direzione Generale Sanità	**22,17**	17	28,5	21	€ 305.000,00	€ 305.000,00
744	GR-2008-1146298	Innovations and future perspectives in the treatment of urolithisias	Maria Chiara Sighinolfi	Emilia-Romagna	**22,17**	33	13	20,5	€ 470.000,00	€ 425.000,00

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745	GR-2008-1137350	IDENTIFICATION OF GENETIC BIOMARKERS IN ANTINEUTROPHIL CYTOPLASMIC ANTIBODY (ANCA)-ASSOCIATED VASCULITIDES BY A GENOME-WIDE ASSOCIATION STUDY	Augusto Vaglio	Puglia	**22,17**	13,5	36	17	€ 839.480,00	€ 596.780,00
746	GR-2008-1145971	Epidemiological study and feasibility for the creation of an Excellence Center in which apply the correct operating protocols for the treatment of cranio-maxillo-facial malformations	Simone Faustino Maria Marino	Lazio	**22,17**	12	37,5	17	€ 480.000,00	€ 480.000,00
747	GR-2008-1145613	ROLE OF HSPs EXPRESSION AND OXIDATIVE STRESS IN IN HUMAN PROSTATE CARCINOMA	MARIO FALSAPERLA	Sicilia	**22,17**	32	18	16,5	€ 809.000,00	€ 252.000,00
748	GR-2008-1141782	Human mesenchymal stem cells: analysis of their inhibitory effect on cells of the innate immunity.	Grazia Maria Spaggiari	Istituto "Giannina Gaslini"	**22,33**	20	29	18	€ 407.500,00	€ 300.000,00
749	GR-2008-1137958	Pharmacogenetic and pharmacogenomic studies: social impact, therapy optimization and drug development	Roberto Canaparo	Agenzia per i Servizi Sanitari Regionali	**22,33**	21	20	26	€ 528.000,00	€ 408.000,00
750	GR-2008-1135131	Prevention and treatment of age-related diseases: efficacy of physical activity	Graziamaria Corbi	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**22,33**	21	17	29	€ 600.000,00	€ 600.000,00
751	GR-2008-1137637	A network analysis strategy to identify genes implicated in genetic disorders	Andrew Chatr-aryamontri	Fondazione Santa Lucia	**22,33**	39,5	15,5	12	€ 328.421,00	€ 328.421,00
752	GR-2008-1138410	Psychopathology and psychotropic drug treatment in the elderly patients: evaluation of a collaborative care between General Practitioners, Mental Health Departments and Regional Health Agency	Werner Natta	Liguria	**22,33**	7,5	34,5	25	€ 442.000,00	€ 352.000,00
753	GR-2008-1141046	Comprehensive imaging, molecular and biological characterization of response of Hepatocellular Carcinoma (HCC) to molecularly-targeted drugs.	Barbara Lei	Emilia-Romagna	**22,33**	31	23	13	€ 599.350,00	€ 574.350,00
754	GR-2008-1146533	STUDY OF ALTERATIONS IN CARDIAC PROGENITOR CELL MIGRATION AND DIFFERENTIATION IN TETRALOGY OF FALLOT	Valentina Di Felice	Istituto Zooprofilattico Sperimentale della Sicilia	**22,33**	17	21	29	€ 347.600,00	€ 301.600,00

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755	GR-2008-1134059	Pathogenesis of uterine fibroids: involvement of the growth factors activin and myostatin.	Pasquapina Ciarmela	Marche	**22,33**	9	35,5	22,5	€ 818.000,00	€ 418.000,00
756	GR-2008-1143301	Development of tools and models to integrate quality improvement programs, clinical pathways and patients flows.	laura calligaris	Friuli-Venezia Giulia	**22,33**	22	19,5	25,5	€ 581.000,00	€ 300.000,00
757	GR-2008-1137702	Multicentric Italian study on genetics and pharmacogenetics factors associated with osteoporosis	Daniela Merlotti	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**22,33**	37	20,5	9,5	€ 589.000,00	€ 310.000,00
758	GR-2008-1144830	The role of HGF/MET system in the pathogenesis of muscle atrophy with particular reference to cancer cachexia	Fabio Penna	Piemonte	**22,50**	20	22,5	25	€ 348.421,00	€ 258.000,00
759	GR-2008-1143069	Environmental risk factors for maternal and neonatal thyroid hypofunction: the role of thyroid disruptors exposure.	Simona De Angelis	Istituto Superiore di Sanita'	**22,50**	22,5	19	26	€ 1.877.500,00	€ 577.500,00
760	GR-2008-1138166	Work-related risks and prevention: a strategy based on integration of a management system and Sobane methodology	Massimo Ferrari	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**22,50**	29	5,5	33	€ 375.000,00	€ 315.000,00
761	GR-2008-1143878	Operational protocol for the treatment of cranio-maxillo-facial deformities from birth to the end of development	Paolo Arangio	Lazio	**22,50**	21,5	13,5	32,5	€ 480.000,00	€ 480.000,00
762	GR-2008-1142647	Towards new treatment options for patients with Chronic Myeloid Leukaemia (CML) and Multiple Myeloma (MM): identification and validation of new tumor/vessel-molecular targets by comparative proteomic approaches	Addolorata Maria Luce Coluccia	Agenzia per i Servizi Sanitari Regionali	**22,50**	37,5	14,5	15,5	€ 875.500,00	€ 550.000,00
763	GR-2008-1142236	Telling bad news to the elderly cancer patients, the role of the family and health professional	Carola Locatelli	Piemonte	**22,50**	10,5	15,5	41,5	€ 900.600,00	€ 490.300,00
764	GR-2008-1138011	Assessing and improving the effectiveness of warning signals in elderly persons	Valerio Santangelo	Umbria	**22,67**	9,5	34	24,5	€ 0,00	€ 0,00
765	GR-2008-1135312	Molecular and cellular characterization of TSC gene-mediated rare diseases: TSC and LAM.	Vera Grande	Istituto Clinico Humanitas	**22,67**	19,5	31	17,5	€ 400.000,00	€ 400.000,00

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766	GR-2008-1137813	Plasticity of facial emotional recognition and behavior in patients with Mobius Syndrome before and after surgical facial reanimation.	Bernardo Bianchi	Emilia-Romagna	**22,67**	22	22	24	€ 650.000,00	€ 600.000,00
767	GR-2008-1138074	Design and implementation of an ontology based pervasive system for intelligent patient tracking	massimo esposito	IRCCS Fondazione SDN	**22,67**	28	25	15	€ 690.000,00	€ 595.000,00
768	GR-2008-1142320	Identification of genetic factors predisposing to non-syndromic cleft lip with or without cleft palate (CL/P)	ANNA MONICA ROSARIA BIANCO	IRCCS pediatrico Burlo Garofolo	**22,67**	32	14,5	21,5	€ 283.500,00	€ 174.500,00
769	GR-2008-1143164	Safety, feasibility, and efficacy of neuromuscular electrical stimulation in evaluation and treatment of pathological conditions	Marco Alessandro Minetto	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**22,83**	11	28,5	29	€ 600.000,00	€ 402.779,00
770	GR-2008-1139662	Periodontal disease and osteoporosis. Investigation of bone metabolism in post-menopausal women	ROSARIO GUIGLIA	Agenzia per i Servizi Sanitari Regionali	**22,83**	26,5	12	30	€ 802.000,00	€ 580.000,00
771	GR-2008-1139614	DETRIMENTAL CONSEQUENCES OF ACUTE BRAIN INJURY ON PERIPHERAL ORGANS: CHARACTERIZATION AND TREATMENT	Andrea Sordi	Ospedale Maggiore	**22,83**	36	12,5	20	€ 594.750,00	€ 519.750,00
772	GR-2008-1134378	Development of an High efficiency scansion-based communication device for patients with severe motor disabilities	Marco Caligari	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**22,83**	19,5	34	15	€ 590.000,00	€ 343.000,00
773	GR-2008-1134371	Functional connectivity magnetic resonance imaging in cerebral diseases	Dante Mantini	Abruzzo	**22,83**	18	10,5	40	€ 600.000,00	€ 500.000,00
774	GR-2008-1144665	Expression of APP isoforms in platelets: a potential peripheral marker of Alzheimer disease	ARIANNA VIGNINI	Marche	**22,83**	33	20	15,5	€ 161.000,00	€ 86.000,00
775	GR-2008-1133773	Molecular crosstalks between apoptosis and EMT in cancer development and progression	Sara Piccinin	Centro di Riferimento Oncologico	**23,00**	12,5	38	18,5	€ 956.000,00	€ 600.000,00
776	GR-2008-1133806	New prognostic tools of cardiovascular events in prosthetic heart valve implanted patients.	Brigitta Buttari	Istituto Superiore di Sanita'	**23,00**	15,5	20	33,5	€ 1.242.166,00	€ 600.000,00

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777	GR-2008-1144493	Diabetes type II associated neuropathy: investigation of molecular mechanisms of neurodegeneration as a target for early diagnosis and therapy	Giorgia Melli	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**23,00**	42	14	13	€ 569.800,00	€ 569.800,00
778	GR-2008-1134490	Cattle colonisation by VTEC O157: Evaluation of monoclonal antibodies (MAbs) directed against bacterial adhesion factors as tools for reducing carriage and shedding	Rosangela Tozzoli	Istituto Superiore di Sanita'	**23,00**	28	27,5	13,5	€ 681.142,00	€ 439.990,00
779	GR-2008-1142808	The New Co-morbidities Associated with Juvenile Obesity: Double Diabetes, Macrovascular Disease and Osteometabolic Syndrome	Nicola Napoli	Lazio	**23,00**	12,5	25,5	31	€ 156,00	€ 80,00
780	GR-2008-1146139	Gene expression profiling in bone marrow microenvironment of multiple myeloma patients	SABRINA BONOMINI	Emilia-Romagna	**23,00**	20	23	26	€ 237.000,00	€ 162.000,00
781	GR-2008-1147014	Genetic and epigenetic changes of the HIF pathway in neural- crest derived tumours.	Lucia Anna Muscarella	Regione Lombardia - Direzione Generale Sanità	**23,00**	26,5	19,5	0	€ 533.000,00	€ 401.000,00
782	GR-2008-1138491	theoretical and experimental investigation of the effect of electromagnetic-thermal fields produced by mobile telephony, bluetooth and wireless devices on the human body	Stefano Bruscoli	Umbria	**23,00**	26	11,5	31,5	€ 600.000,00	€ 600.000,00
783	GR-2008-1144348	Stabilizing photoreceptors in retinal neurodegenerative processes: saffron treatment	Rita Maccarone	Abruzzo	**23,17**	26	5,5	38	€ 539.000,00	€ 323.000,00
784	GR-2008-1143582	NEMO protein an ideal therapeutic target in melanoma tumor	FRANCESCA FUSCO	Istituto Regina Elena	**23,17**	15	28	26,5	€ 896.506,00	€ 600.000,00
785	GR-2008-1142323	Synergism between natural products and antibiotics for the treatment of infections caused by bacteria expressing a Multidrug Resistant phenotype. From chemistry to medicine: a new role for bioactive molecules from natural sources	Giuseppe Celenza	Abruzzo	**23,17**	28	28,5	13	€ 600.000,00	€ 440.000,00
786	GR-2008-1135714	Development of a new fast chemosensitivity test for cancer	Daniela Fanni	Sardegna	**23,17**	12,5	24	33	€ 589.000,00	€ 441.000,00
787	GR-2008-1144431	Copper role in neurodegenerative diseases.	Mattia Toni	Istituti Ortopedici Rizzoli	**23,17**	21	22,5	26	€ 396.000,00	€ 306.000,00

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788	GR-2008-1136155	Reperfusion strategies for the infarcted myocardium: anti-arrythmic effect of ischemic postconditioning	Daniele Mancardi	Piemonte	**23,25**	22,5	24	0	€ 595.500,00	€ 385.500,00
789	GR-2008-1137410	HIV-1 therapeutic vaccine with dendritic cells pulsed with autologous inactivated virus	ludovica segat	IRCCS pediatrico Burlo Garofolo	**23,33**	24	36	10	€ 325.000,00	€ 119.000,00
790	GR-2008-1145755	The introduction of new technologies and the improvement of quality standard may decrease the cost of the hospital management and the social disease of the surgical site infections (SSI): the role of the ultralaminar-airflow (UAF) system	francesco dinale	Regione Lombardia - Direzione Generale Sanità	**23,33**	26	25	19	€ 452.088,00	€ 452.088,00
791	GR-2008-1145372	Osteopontin Stimulates Mmp Activation in Rhabdomyosarcoma.	Massimiliano De Bortoli	Regione Lombardia - Direzione Generale Sanità	**23,33**	10	30	30	€ 436.000,00	€ 317.000,00
792	GR-2008-1143700	Human papillomavirus: an epidemiologic and transversal prospective clinical study	Laura Deborah Locati	Fondazione IRCCS Istituto Nazionale dei Tumori	**23,33**	26	27	17	€ 698.531,00	€ 393.321,00
793	GR-2008-1142129	Study on the mechanism of action of anticancer natural small molecules	Fabrizio Dal Piaz	Campania	**23,33**	37	20,5	12,5	€ 492.000,00	€ 342.000,00
794	GR-2008-1141153	Register of hip fractures for women over 65 in province of Bologna	francesco gambino	Emilia-Romagna	**23,33**	45	14	11	€ 60.000,00	€ 40.000,00
795	GR-2008-1145818	High-Resolution Imaging with Adaptive Optics in Patients Affected by Diabetic Retinopathy.	Pierluigi Iacono	Friuli-Venezia Giulia	**23,50**	17	15	38,5	€ 655.000,00	€ 485.000,00
796	GR-2008-1144120	The prevention of Bisphosphonates Related Osteonecrosis of the Jaw. The effectiveness of endoscopically assisted non surgical periodontal therapy.	Marco Montevecchi	Emilia-Romagna	**23,50**	35	17	18,5	€ 120.500,00	€ 50.000,00
797	GR-2008-1142554	Development of an experimental biological protocol able to the characterisation of new transbuccal delivery devices for local and systemic therapy	Carlo Paderni	Istituto Zooprofilattico Sperimentale della Sicilia	**23,50**	36	15,5	19	€ 761.500,00	€ 511.500,00

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798	GR-2008-1136381	USO POTENZIALE DEL CARBOSSIAMIDOTRIAZOLO (CAI) PER IL TRATTAMENTO DI FORME DI LEUCEMIA MIELOIDE CRONICA (LMC) RESISTENTI ALL IMATINIB	Simona Fontana	Sicilia	**23,50**	12	42,5	16	€ 439.900,00	€ 341.000,00
799	GR-2008-1137379	Development of a new methodology and a new apparatus for the diagnosis of extra vascular lung water based on the analysis of ultrasound comets	Francesco Faita	Toscana	**23,50**	32,5	13	25	€ 690.000,00	€ 425.000,00
800	GR-2008-1142303	SCCA POLYMORPHISM ANALYSIS TO IDENTIFY PATIENTS AT HIGHER RISK OF CIRRHOSIS EVOLUTION	Santina Quarta	Friuli-Venezia Giulia	**23,50**	18,5	27	25	€ 494.000,00	€ 450.000,00
801	GR-2008-1136371	FUNDIBRECA Funcional diagnosis of breast cancer	elisabetta zanetti	Istituto Europeo di Oncologia	**23,67**	15	37,5	18,5	€ 528.000,00	€ 495.000,00
802	GR-2008-1134679	Cellular proliferation control through the inhibition of cell cycle negative regulators: in vivo and in vitro applications	Deborah Pajalunga	Istituto Superiore di Sanita'	**23,67**	21,5	9	40,5	€ 1.350.023,00	€ 599.000,00
803	GR-2008-1140788	Peripheral arterial disease: identification of putative risk profile and therapeutic approach with autologous bone marrow	Gilda Cobellis	Campania	**23,67**	22,5	33	15,5	€ 569.231,00	€ 315.000,00
804	GR-2008-1143441	Studying the pathologies of vocal cords for automated early identification of larynx diseases. Definition of protocols for early detection, screening and monitoring of activity related to the treatment of the laryngeal tract and vocal cords	Carlo Cosentino	Calabria	**23,67**	34	20	17	€ 448.800,00	€ 288.000,00
805	GR-2008-1138128	PARAPLEGIA SPASTICA EREDITARIA: RICERCA DI GENI-MALATTIA E CORRELAZIONE GENOTIPO-FENOTIPO	Antonio Orlacchio	Fondazione Santa Lucia	**23,75**	16,5	31	0	€ 850.000,00	€ 595.000,00
806	GR-2008-1139175	Treatment of Neurological Impairment in Lysosomal Storage Diseases by the Use of Neural Stem Cells	Lidia De Filippis	IRCCS Fondazione Policlinico San Matteo	**23,83**	22,5	40,5	8,5	€ 760.770,00	€ 594.770,00
807	GR-2008-1138186	Implementation and validation of a model for the assessment of Biomedical Technology related Risk	guido mascioli	Emilia-Romagna	**23,83**	20	35,5	16	€ 380.000,00	€ 310.000,00
808	GR-2008-1136574	hBoV a newly discovered parvovirus of the respiratory and gastroenteric tracts	Manuela Quattrocchi	Istituto Superiore di Sanita'	**23,83**	25,5	21,5	24,5	€ 635.000,00	€ 505.000,00

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809	GR-2008-1134792	A novel bioreactor for bladder tissue engineering. Is the scaffold becoming unnecessary?	Alberto Vianello	Umbria	**23,83**	33	10,5	28	€ 953.000,00	€ 483.000,00
810	GR-2008-1133666	Permeation properties of mycobacteria outer membrane proteins: a computational study	Matteo Ceccarelli	Sardegna	**23,83**	15	16	40,5	€ 560.000,00	€ 440.000,00
811	GR-2008-1143403	A Probabilistic Expert System for the appropriate use of upper gastro-intestinal endoscopy	Rossella Cianci	Lazio	**23,83**	35	15,5	21	€ 600.000,00	€ 490.000,00
812	GR-2008-1138397	Pre-clinical validation of DNA vaccination with alpha-enolase for the cure of pancreatic cancer.	Paola Cappello	Piemonte	**24,00**	12,5	44,5	15	€ 690.500,00	€ 428.000,00
813	GR-2008-1142675	Vocal stress monitoring device/system	Federico Ferrari	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**24,00**	19	20	33	€ 1.030.000,00	€ 530.000,00
814	GR-2008-1135780	APPLICATION OF A NON-INVASIVE NEW METHOD FOR BRAIN RHYTHMS STUDY /APPLICAZIONI DI UNA NUOVA METODICA NONINVASIVA PER LO STUDIO DEI RITMI CEREBRALI	Monica Maria Francesca PULIGHEDDU	Sardegna	**24,00**	30	29	13	€ 501.000,00	€ 371.000,00
815	GR-2008-1145981	The DNA of a popolation could Change by environment induction. The Change could be specific due to what determined it and is trasmitted with more frequency in comparison to a stable environment.	giuseppina piazza	Istituto Zooprofilattico Sperimentale della Sicilia	**24,00**	15	20	37	€ 832.000,00	€ 597.000,00
816	GR-2008-1143535	IN VIVO MAGNETIC RESONANCE AND FLUORESCENCE IMAGING OF DENDRITIC CELL MIGRATION: A VACCINE	LUISA OTTOBRINI	Fondazione Don Carlo Gnocchi Onlus	**24,17**	21,5	13	38	€ 628.409,00	€ 551.111,00
817	GR-2008-1137333	Characterization of peripheral alterations in Amyotrophic Lateral Sclerosis	Chiara Abrescia	Piemonte	**24,17**	22,5	24	26	€ 885.354,00	€ 399.888,00
818	GR-2008-1142848	Functional mapping of eloquent cerebral cortex based on intracranial Electroencephalography (EcoG) and brain computer interface (BCI) technology: a new approach in presurgical evaluation of drug-resistant epilepsies.	Fabio Sebastiano	Istituto Neurologico Mediterraneo Neuromed	**24,17**	16	36,5	20	€ 733.000,00	€ 533.000,00

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819	GR-2008-1137377	Diagnosis and Therapy in Retinoblastoma: An Integrated Multidisciplinary Approach	Carlo Cosimo Quattrocchi	Ospedale Pediatrico Bambino Gesu	**24,25**	23,5	25	0	€ 1.175.000,00	€ 600.000,00
820	GR-2008-1140728	Accuracy and clinical impact of 68-Ga-labeled octreotide analogues PET as an adjunct to the conventional diagnostic work-up and staging of duodeno-pancreatic neuroendocrine tumours, performed by CT and EUS; proposal of a multicenter, prospective clinical	veronica iori	Emilia-Romagna	**24,33**	17,5	26	29,5	€ 300.000,00	€ 300.000,00
821	GR-2008-1142674	Diabetes mellitus and salivary gland dysfunction	Monica Piras	Sardegna	**24,33**	17	21	35	€ 450.000,00	€ 450.000,00
822	GR-2008-1145600	Role of HIF-1a and HIF2a in hypoxic neuroectodermal derived tumors: a novel terapeutical approach	Maura Puppo	Istituto "Giannina Gaslini"	**24,33**	32	19	22	€ 500.500,00	€ 445.500,00
823	GR-2008-1142844	Virtual Reality Enhanced Mannequin for clinical risk management and healthcare personnel training in immersive simulation	Federico Semeraro	Emilia-Romagna	**24,33**	24,5	23,5	25	€ 600.000,00	€ 600.000,00
824	GR-2008-1143561	Assessment of Cardiovascular disease in IUGR fetuses and neonates	Erich Cosmi	Veneto	**24,50**	28	21	0	€ 352.000,00	€ 352.000,00
825	GR-2008-1144164	Multidisciplinary approach of cachexia associated to chronic diseases. Clinical translational study to evaluate the efficacy of a oral, ambulatorial, low cost effective approach for the treatment of cachexia applicable to daily clinical practice	Clelia Madeddu	Sardegna	**24,50**	17,5	36	20	€ 454.500,00	€ 320.000,00
826	GR-2008-1141501	Interaction between pain and rehabilitation	Costanza Pazzaglia	Fondazione Don Carlo Gnocchi Onlus	**24,50**	21	17,5	35	€ 165,00	€ 80,00
827	GR-2008-1140787	Pathogenesis of Neurogenic Pulmonary Edema: role of S100B protein	ornella piazza	Campania	**24,50**	25	27,5	21	€ 313.000,00	€ 213.000,00
828	GR-2008-1141801	Pathogenesis of congenital hypothyroidism: the mysterious interaction of genetics, epigenetics and environmental factors	ilaria zamproni	Fondazione Centro San Raffaele del Monte Tabor	**24,50**	27,5	30,5	15,5	€ 929.141,00	€ 600.000,00
829	GR-2008-1142264	Role of microRNAs in aging-associated cardiovascular diseases	Maria Lorenzi	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**24,50**	33	15,5	25	€ 781.000,00	€ 600.000,00

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830	GR-2008-1135636	Menopausal women's health: a multidisciplinary approach	Cinzia Giuli	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**24,50**	19	30	0	€ 1.232.330,00	€ 599.830,00
831	GR-2008-1142063	The prognostic role of phosphoinositide-specific signalling factors in central nervous system tumours	VINCENZA RITA LO VASCO	Istituto Regina Elena	**24,50**	29,5	25	19	€ 1.010.000,00	€ 600.000,00
832	GR-2008-1141206	CLINICAL AND PHARMACOGENETIC DETERMINANTS OF ARTERIAL HYPERTENSION RESISTANCE TO RAS MODULATING DRUGS	Arrigo F. G. Cicero	Emilia-Romagna	**24,67**	12	18	44	€ 682.000,00	€ 358.000,00
833	GR-2008-1134636	new molecular targets for prognostic definition and therapeutical intervention in prostate cancer progression	RENATO FRANCO	Istituto Nazionale Tumori Fondazione G. Pascale	**24,83**	20	34	20,5	€ 894.000,00	€ 414.000,00
834	GR-2008-1137124	Preventing and combating drug resistance in bacteria and fungi causing human infections: evaluation of antioxidants and efflux pump inhibitors in combination with standard antimicrobial drugs.	Elisabetta Spreghini	Agenzia per i Servizi Sanitari Regionali	**24,83**	18,5	28	28	€ 600.000,00	€ 600.000,00
835	GR-2008-1143558	Molecular characterization and investigation of the DNA damage response in pericytes obtained from different tissues	LAURA CARRASSA	Ospedale Maggiore	**24,83**	16	20	38,5	€ 752.000,00	€ 562.000,00
836	GR-2008-1143276	Asthma exacerbations: role of respiratory viral infections and inflammatory-immune response to identify potential therapeutic targets	Enrico Marco Heffler	Piemonte	**24,83**	36	22	16,5	€ 600.000,00	€ 600.000,00
837	GR-2008-1145167	Heart rate variability analysis and innovative biomarkers in non-ST elevation myocardial infarction/unstable angina: a cohort study	Alessio Metere	Istituto Superiore di Sanita'	**24,83**	14	24,5	36	€ 660.870,00	€ 300.000,00
838	GR-2008-1142478	Development of a strategy to genetically engineer mouse embryonic stem (ES) cells at high efficiency	mariateresa distazio	IRCCS pediatrico Burlo Garofolo	**24,83**	16	16	42,5	€ 346.500,00	€ 206.000,00
839	GR-2008-1141387	TYROSINASE EXPRESSION IN MELANOMA STAGE III PATIENTS: DIAGNOSTIC ACCURACY LEADING TO TIME- AND COST-SPARING FOLLOW-UP PROCEDURES.	SIMONA OSELLA ABATE	Piemonte	**25,00**	19,5	37	18,5	€ 312.000,00	€ 312.000,00

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840	GR-2008-1144989	Effects of a selective inhibitor of NF-kB in experimental models of airway inflammation.	LUCA GALLELLI	Calabria	**25,00**	24	14	37	€ 848.932,00	€ 300.000,00
841	GR-2008-1134158	Safety assessment of emerging Assisted Reproduction Technologies (ART)	Grazyna Ptak	Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise	**25,00**	28	13	34	€ 867.616,00	€ 600.000,00
842	GR-2008-1138067	Attività della lattoferrina sulle infezioni respiratorie sostenute da virus dell'Influenza e da Pseudomonas aeruginosa e Burkholderia cenocepacia/Effect of lactoferrin on respiratory infections by Influenza virus and Pseudomonas aeruginosa and Burkholderi	Agostina Pietrantoni	Istituto Superiore di Sanita'	**25,00**	36	19,5	19,5	€ 1.000.000,00	€ 600.000,00
843	GR-2008-1134761	HITS (Health technology assessment for an In-hospital Telerehabilitation Service)	Marco Rogante	Istituto Superiore di Sanita'	**25,00**	38	19,5	17,5	€ 962.000,00	€ 590.000,00
844	GR-2008-1135132	Molecular mechanisms of renal damage mediated by contrast medium	Giulia Romano	IRCCS Fondazione SDN	**25,17**	26,5	28	21	€ 787.000,00	€ 600.000,00
845	GR-2008-1146707	A Psycho-Socio-Sanitary integrated approach promoting the quality of life in families and children affected by Rare Genetic Diseases	Alessandro Costantini	Puglia	**25,17**	19	33,5	23	€ 730.400,00	€ 590.000,00
846	GR-2008-1144425	Non rheumatic calcific aortic stenosis: a translational study addressing the role of oxidative stress and NO pathway	Maria Cristina Nava	Centro Cardiologico Monzino	**25,17**	22	27	26,5	€ 495.000,00	€ 385.000,00
847	GR-2008-1145787	Robotic assisted surgery for prostate cancer. Prospective controlled multicentric comparison between laparoscopic surgery and robotic assisted surgery in terms of oncologic and functional outcome related to quality of life.	Filippo Annino	Emilia-Romagna	**25,17**	33	31,5	11	€ 755.000,00	€ 600.000,00
848	GR-2008-1136210	Targeting Autophagy in Cancer Therapy	MARZIA PENNATI	Fondazione IRCCS Istituto Nazionale dei Tumori	**25,25**	25,5	25	0	€ 882.695,00	€ 559.900,00
849	GR-2008-1141311	Effetti di derivati da piante sul metabolismo del colesterolo/Effects of herbal derivatives on cholesterol metabolism	Francesco Azzaroli	Emilia-Romagna	**25,33**	21	25	30	€ 403.000,00	€ 403.000,00

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850	GR-2008-1143845	Chronic Venous Insufficiency (CVI): Disease management and Pharmacoeconomy	Raffaele Serra	Calabria	**25,33**	16	38	22	€ 315.000,00	€ 265.750,00
851	GR-2008-1146094	PALLIATIVE RADIOTHERAPY: NEW MODEL FOR TREATING SYMPTOMATIC PATIENTS	GAIA PIPERNO	Istituto Europeo di Oncologia	**25,33**	16	22	38	€ 501.600,00	€ 303.600,00
852	GR-2008-1142694	Optical topography monitoring of cerebral haemodynamics oxygenation during intensive care of critically preterm newborns	STEFANO BEMBICH	IRCCS pediatrico Burlo Garofolo	**25,33**	31,5	23	21,5	€ 432.000,00	€ 432.000,00
853	GR-2008-1142395	Pesticide residues in biological samples of general human population and breeding animals in Sicily: characterization of sources of exposure and correlation with human diseases.	EMANUELE AMODIO	Istituto Zooprofilattico Sperimentale della Sicilia	**25,33**	20	23	33	€ 555,00	€ 555,00
854	GR-2008-1143790	Studio delle relazioni tra infiammazione, modificazioni morfostrutturali cerebrali e correlati neuropsicologici e comportamentali della depressione in pazienti con infarto miocardico acuto sottoposti ad intervento coronarico percutaneo (PCI)	Luca Cravello	Fondazione Santa Lucia	**25,33**	29	27	20	€ 759.500,00	€ 595.000,00
855	GR-2008-1140501	Validation of a platform of biomarkers predictive of response to chemotherapy and targeted therapies in carcinomas from different primaries: characterization of protein expression and gene profiling.	Giuliana Sartori	Emilia-Romagna	**25,50**	33,5	26	17	€ 886.025,00	€ 536.025,00
856	GR-2008-1136024	Implementation and validation of a protocol of three-dimensional kinematic analysis and of a computational model for the functional evaluation of the lumbar spine for patients subjected to different therapeutic and rehabilitative techniques and technologi	federica anasetti	IRCCS Istituto Ortopedico Galeazzi	**25,50**	17	35	24,5	€ 240.500,00	€ 240.500,00
857	GR-2008-1146017	Avian Infectious Bronchitis: Development of a novel vaccine using Rabbit Haemorrhagic Disease Virus - like particles as delivery system.	Roberta Taddei	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia	**25,50**	33,5	19	24	€ 465.300,00	€ 317.300,00
858	GR-2008-1142810	Possible Role of HPV in Head and Neck cancerogenesis. Diagnostic, clinical and therapeutic future applications.	Andrea Santarelli	Marche	**25,50**	38	12	26,5	€ 877.200,00	€ 600.000,00

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859	GR-2008-1146961	Evolution of analytical methods and techniques in the detection of doping agents and study of the effects on BBB in vitro model	patrizia proia	Regione Lombardia - Direzione Generale Sanità	**25,50**	25	19,5	32	€ 460.000,00	€ 420.000,00
860	GR-2008-1140398	EARLIEST ANTENATAL DIAGNOSIS OF CHROMOSOMAL ABNORMALITIES AND HAEMOGLOBINOPATHIES BY COELOMATIC FLUID SAMPLING	Margherita Vinciguerra	Sicilia	**25,50**	24	36	16,5	€ 550.000,00	€ 515.000,00
861	GR-2008-1136271	Crustaceans food allergy and house dust mite sensitization: clinical evaluation, identification of cross reactive proteins and determination of useful markers for an accurate food allergy diagnosis	Laura Primavesi	Ospedale Maggiore	**25,50**	15,5	41	20	€ 807.000,00	€ 545.000,00
862	GR-2008-1134247	Development of new pharmacological approaches for the treatment of rheumatoid arthritis: in vivo and in vitro studies	Cristina Meazza	IRCCS Fondazione Policlinico San Matteo	**25,67**	24,5	29,5	23	€ 520.000,00	€ 346.420,00
863	GR-2008-1140965	Predisposition to develop bisphosphonate-related osteonecrosis of the jaws in onco-haematologic patients: a case-control study of genetic polimorphisms	maddalena manfredi	Emilia-Romagna	**25,67**	17,5	44	15,5	€ 452.000,00	€ 322.000,00
864	GR-2008-1145812	CLINICAL GOVERNANCE IN ALZHEIMER DISEASE: CLINICAL, BIOCHEMICAL, MOLECULAR ASPECTS AND IDENTIFICATION OF GUIDELINES FOR IDENTIFICATION OF PATIENTS WITH MILD COGNITIVE IMPAIREMENT	maestri antonella	Agenzia per i Servizi Sanitari Regionali	**25,67**	40	18	19	€ 470.000,00	€ 300.000,00
865	GR-2008-1143876	A novel strategy in antitumoral therapy: use of bioactive molecules present in Hedera helix L.	Valeria Maria Morittu	Calabria	**25,67**	20	28	29	€ 600.000,00	€ 390.000,00
866	GR-2008-1145520	Regeneration Induced by Hypoxia Treatment in the Zebrafish Adult Heart	ombretta pozzoli	Centro Cardiologico Monzino	**25,67**	19	23,5	34,5	€ 455.000,00	€ 395.000,00
867	GR-2008-1142352	Role of BDNF/gp145trkB axis in the immunopathogenesis of multiple sclerosis (MS): implications for autoreactive T cell survival and new selective immunomodulating strategies in MS treatment	Lorenzo De Santi	IRCCS Centro Neurolesi "Bonino Pulejo"	**25,67**	23,5	39,5	14	€ 592.500,00	€ 540.000,00

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868	GR-2008-1137798	The contribution of liver progenitor/stem cells during liver regeneration, fibrosis and carcinogenesis	FRANCESCO PAOLO RUSSO	Veneto	**25,67**	17,5	34	25,5	€ 542.093,00	€ 309.281,00
869	GR-2008-1135685	ASSESSMENT OF CANCER-ASSOCIATED EPIGENETIC PROFILES FOR EARLY DIAGNOSIS OF HUMAN TUMORS.	Antonella D'Anneo	Istituto Zooprofilattico Sperimentale della Sicilia	**25,83**	27,5	23,5	26,5	€ 600.000,00	€ 600.000,00
870	GR-2008-1136677	Cardiovascular mortality: study of the genetic and functional markers.	Teresa Arcidiacono	Fondazione Centro San Raffaele del Monte Tabor	**25,83**	34,5	24	19	€ 778.760,00	€ 544.000,00
871	GR-2008-1135610	Clinical usefulness of preoperative fMRI and DTI: Applications to Temporal Lobe Epilepsy	Cristina Rosazza	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**25,83**	19	28,5	30	€ 2.548.875,00	€ 530.250,00
872	GR-2008-1145149	Microenvironmental immunoregulatory circuits in the establishment of tuberculosis disease: interdisciplinary study of clinic, immunology and bioinformatics	Angelo Martino	Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani	**25,83**	23,5	20	34	€ 1.360.000,00	€ 535.000,00
873	GR-2008-1135856	Cerebellar ataxias and potassium channels: the role of Aldolase C	Stefania Orrù	IRCCS Fondazione SDN	**25,83**	25	34	18,5	€ 754.474,98	€ 600.000,00
874	GR-2008-1134079	Il ruolo dello stress del reticolo endoplasmico nell'insulino-resistenza nel tessuto muscolare e nell'endotelio e nella funzionalità della beta-cellula pancreatica	Francesco Oriente	Campania	**25,83**	19,5	19	39	€ 702.000,00	€ 597.000,00
875	GR-2008-1141802	Peptidase-like proteins and channelopathies	Diego Cotella	IRCCS pediatrico Burlo Garofolo	**25,83**	20	31	26,5	€ 330.000,00	€ 310.000,00
876	GR-2008-1143088	Geomedic: tracing mapping and management of clinical and health information by using geographical information system, for analyzing and reasoning on diseases and health economy.	pierangelo veltri	Calabria	**26,00**	20,5	34,5	23	€ 445.558,00	€ 282.000,00
877	GR-2008-1134675	Design of modular systems for diagnosis and therapy of human cancers	Serena Marchiò	Piemonte	**26,00**	33	22	23	€ 1.211.000,00	€ 600.000,00
878	GR-2008-1143212	In vivo silencing of autophagic genes (Atg) by electroporation-mediated transfection. A promising target therapy to improve chemosensitivity of tumour cells.	MARIA CONDELLO	Istituto Superiore di Sanita'	**26,00**	22,5	30,5	25	€ 1.390.675,00	€ 570.000,00

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879	GR-2008-1143953	THE PURSUIT OF RESPONSE: EVALUATION OF ERCC1 AND OTHER MARKERS IN CISPLATIN-TREATED METASTATIC BREAST CANCER	Gianluca Tomasello	Regione Lombardia - Direzione Generale Sanità	**26,00**	26 26,5 25,5	€ 545.000,00	€ 511.000,00
880	GR-2008-1144988	Using Cancer Testis Antigens as Immunological Target in Ovarian Cancer Patients	innocenza palaia	Istituto Regina Elena	**26,00**	21 26 31	€ 567.800,00	€ 332.960,00
881	GR-2008-1135490	The dystroglycan complex in congenital muscular dystrophies with nervous system involvement: towards the standardization of novel molecular diagnostic protocols.	Francesca Sciandra	Istituto Superiore di Sanita'	**26,00**	38 23 17	€ 600.000,00	€ 600.000,00
882	GR-2008-1141775	1. Gephcard: an innovative software for government and exchange of clinical and molecular data with a patient-centric approach	Marina Mordenti	Istituti Ortopedici Rizzoli	**26,17**	27 26 25,5	€ 635.000,00	€ 405.000,00
883	GR-2008-1133576	Construction of a Ultra-Low-Field Magnetic Resonance Imaging scanner for brain investigations and domicilar imaging applications	Antonino Mario Cassarà	Fondazione Santa Lucia	**26,17**	38 19 21,5	€ 695.670,00	€ 597.068,00
884	GR-2008-1137784	Biodynamic of muscle-skeletal system during vibration exposure and correlation with risk assessment	FEDERICA MORGIA	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**26,17**	15 34 29,5	€ 663.000,00	€ 446.000,00
885	GR-2008-1144380	Evaluation of antitumor efficacy of 6-(7-nitro-2,1,3-benzoxadiazol-4-ylthio)hexanol (NBDHEX) in conjuction with porphyrin-based photosensitizers	Pierluca Galloni	Fondazione IRCCS Istituto Nazionale dei Tumori	**26,17**	19,5 25 34	€ 568.800,00	€ 393.800,00
886	GR-2008-1143699	Dioxin and ovotoxicity: biomarkers for identification of threshold values in large animal models and in humans	Barbara Ambruosi	Puglia	**26,17**	25 26 27,5	€ 599.998,00	€ 419.800,00
887	GR-2008-1144286	Development of a low cost method for the diagnosis of human papillomavirus infection	PAOLO GARAGNANI	Emilia-Romagna	**26,17**	24,5 27 27	€ 611.209,00	€ 530.000,00
888	GR-2008-1146650	REPROGRAMMING OF ADIPOSE CELLS BY EPIGENETIC METHOD	Rosa Marmo	Basilicata	**26,33**	45 26 8	€ 600.000,00	€ 506.500,00
889	GR-2008-1145805	Virtual Reality Technology applied to Neglect Rehabilitation	Pina Scarpa	Regione Lombardia - Direzione Generale Sanità	**26,33**	39 27 13	€ 480.000,00	€ 380.000,00

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890	GR-2008-1142305	Genotyping data models for the development of personalized clinical protocols	Giuseppe Casari	Agenzia per i Servizi Sanitari Regionali	**26,33**	45	11	23	€ 500.000,00	€ 500.000,00
891	GR-2008-1141283	Innovative approaches for diagnosis and treatment of B-cell malignancies	Camillo Palmieri	Calabria	**26,50**	35,5	13	31	€ 1.050.000,00	€ 600.000,00
892	GR-2008-1141367	STATO INFIAMMATORIO DI BASSO GRADO, SINDROME DELLE APNEE NOTTURNE E COMPLICANZE ENDOCRINO-ANDROLOGICHE NELL' OBESITA': CARATTERIZZAZIONE DEL FENOTIPO IMMUNOLOGICO CHEMOCHINICO, CITOCHINICO E CELLULARE, E SUA CORRELAZIONE CON IL QUADRO CLINICO	Roberta Botta	Fondazione S. Maugeri - Clinica del lavoro e della riabilitazione	**26,50**	25,5	25,5	28,5	€ 951.000,00	€ 580.000,00
893	GR-2008-1135545	Serotonina, zonulina, interleuchine e leucotrieni nelle reazioni avverse agli alimenti / Serotonin, zonulin, interleukins and leucotrienes in adverse food reactions	Federico Perna	Emilia-Romagna	**26,50**	27	29	23,5	€ 528.000,00	€ 324.500,00
894	GR-2008-1136171	Gene expression, RNA silencing and proteomics longitudinal analysis in patients with Multiple Sclerosis: identification of new tools to predict therapy response	Chiara Fenoglio	Ospedale Maggiore	**26,50**	20	29	30,5	€ 819.000,00	€ 600.000,00
895	GR-2008-1145667	Histomorphological study, genetic profile and familial predisposition in ascending aortic aneurysm	Khalil Fattouch	Sicilia	**26,50**	29	24	0	€ 1.156.000,00	€ 806.000,00
896	GR-2008-1142799	The Recovery Approach in Mental Health Services: A Field-Experimentation.	raffaella pocobello	Piemonte	**26,67**	13	32	35	€ 459.800,00	€ 459.800,00
897	GR-2008-1146618	cellular therapy for vitiligo	Enrica Flori	Istituto S. Maria e S. Gallicano	**26,67**	13	31,5	35,5	€ 925.000,00	€ 402.000,00
898	GR-2008-1145011	Phase II randomised study of combination chemotherapy with Gemcitabine, Cisplatin and Paclitaxel +/- Bevacizumab in patients with advanced urothelial cancer	matteo brighenti	Regione Lombardia - Direzione Generale Sanità	**26,83**	31,5	29,5	19,5	€ 600.000,00	€ 520.000,00
899	GR-2008-1146956	Blood GRK-2 activity as a candidate biomarker of coronary heart disease	Angela Papa	Toscana	**26,83**	34,5	20	26	€ 500.000,00	€ 440.000,00
900	GR-2008-1141170	CLUSTERIN EXPRESSION IN ENDOMETRIAL CANCER	Valentina Romagno	Puglia	**26,83**	28,5	28	24	€ 300.000,00	€ 300.000,00

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901	GR-2008-1145813	ROLE OF PROBIOTICS IN ADULTS ATOPIC DERMATITIS	Chiara Beatrice Luisa Marsili	IRCCS Istituto Ortopedico Galeazzi	**27,17**	19,5	29	33	€ 320.000,00	€ 295.000,00
902	GR-2008-1145517	Correlazione tra Valutazione Multidimensionale Geriatrica, scelta del trattamento terapeutico e outcome clinico in pazienti anziani oncologici	elena massa	Sardegna	**27,17**	23,5	40,5	17,5	€ 320.000,00	€ 288.000,00
903	GR-2008-1144330	Ischemia resistant neural stem cell transplantation on traumatic spinal cord injury and neurodegenerative diseases	Giovanni Marfia	Fondazione Santa Lucia	**27,17**	31,5	32	18	€ 885.531,00	€ 546.800,00
904	GR-2008-1141440	Understanding integrins' role in human diseases: molecular basis of ligand recognition and allosteric activation in the inside-out signalling.	Andrea Spitaleri	Fondazione Centro San Raffaele del Monte Tabor	**27,33**	31	13,5	37,5	€ 510.000,00	€ 510.000,00
905	GR-2008-1145182	Proinflammatory/proapoptotic cytokines as molecular targets for innovative therapeutic intervention in neurodegenerative diseases.	SALVATORE PEZZINO	Associazione Oasi Maria SS.	**27,33**	25	23	34	€ 562.938,00	€ 420.000,00
906	GR-2008-1134028	Characterization of gastric tumor derived stem cells: new diagnostic markers and therapeutic applications	Monia Orciani	Marche	**27,33**	27	36	19	€ 590.000,00	€ 484.000,00
907	GR-2008-1146678	Use of infrared imaging to avoid to avoid thermal injury due to electro surgery	marco calcagno	Regione Lombardia - Direzione Generale Sanità	**27,50**	25	21,5	36	€ 592.000,00	€ 510.000,00
908	GR-2008-1137257	Role of high dose L-arginine supplementation in Leukoaraiosis	Rocco Salvatore Calabrò	IRCCS Centro Neurolesi "Bonino Pulejo"	**27,67**	20,5	31,5	31	€ 479.000,00	€ 369.000,00
909	GR-2008-1143778	EMERGENCY AND TRAINING: AN EVALUATION OF ECM TRAINING IN EMERGENCY AREA	Francesca Grimaldi	Agenzia per i Servizi Sanitari Regionali	**27,67**	25	31,5	26,5	€ 600.000,00	€ 546.000,00
910	GR-2008-1142254	ALTERATIONS OF PED/PEA-15 GENE AT THE INTERFACE OF DIABETES AND PARKINSON DISEASE	GIUSEPPE PERRUOLO	Campania	**27,67**	22	30	31	€ 700.000,00	€ 600.000,00
911	GR-2008-1142697	Bone marrow-derived cells transplantation in arthritis: preclinical and clinical evidences	Carola Cavallo	Istituti Ortopedici Rizzoli	**27,67**	15	37	31	€ 1.045.300,00	€ 597.300,00

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912	GR-2008-1144480	Identification of the molecular pathways involved in cell damage and death induced by photodynamic therapy. In order to suggest novel anticancer targets.	Pasquale Lista	Istituto Superiore di Sanita'	**27,67**	29	40	14	€ 1.297.000,00	€ 570.000,00
913	GR-2008-1137699	A NEW HEALTH-CARE SYSTEM INTERFACE FOR CITIZENS - DEVELOPMENT OF AN INNOVATIVE CLINICAL e-GOVERNMENT TOOL	Vincenzo Quaranta	Istituto Dermopatico dell'Immacolata ' IDI, di proprietà e gestito dalla Provincia Italiana della C.F.I.C	**27,67**	26	12	45	€ 716.000,00	€ 586.500,00
914	GR-2008-1136641	Transcription factors: from novel markers for the follow-up to promising targets for the treatment of autoimmune diseases	Giovanni Frisullo	Fondazione Don Carlo Gnocchi Onlus	**27,67**	18,5	27,5	37	€ 550.000,00	€ 550.000,00
915	GR-2008-1134010	Discovery of new pharmacological tools to prevent excitotoxic damage and neuronal death in neurodegenerative disorders	Laura De Luca	Associazione Oasi Maria SS.	**27,67**	42	16	25	€ 872.441,00	€ 550.000,00
916	GR-2008-1146894	Clinical usefulness of Lactobacillus reuteri (DSM 17938) somministration in pediatric patients on enteral nutrition	Alessandra Forgione	Lazio	**27,67**	24	23	36	€ 600.000,00	€ 598.000,00
917	GR-2008-1143858	The role of masticator muscle abnormal contraction in the development of the tension headache.The genesis of pain in the pathology of Temporomandibular Joint (TMJ). The treatment of TMJ pain and tension headache through the MAM (Muscular Acoustic Modulato	Simona Tecco	Abruzzo	**27,83**	32	15,5	36	€ 600.000,00	€ 450.000,00
918	GR-2008-1144564	Cell polarity and totipotency control: a job of RNA-binding proteins	Martino Donnini	Toscana	**27,83**	39	13,5	31	€ 487.300,00	€ 487.300,00
919	GR-2008-1145375	soggetti deboli in ambiente sfavorevole	Maria Cristina Davolio	Emilia-Romagna	**27,83**	20	38	25,5	€ 680.000,00	€ 390.000,00
920	GR-2008-1145889	Development of ICF Core Sets for Hearing Loss	Francesca Gimigliano	Campania	**27,83**	18,5	28	37	€ 376.000,00	€ 283.000,00
921	GR-2008-1144460	Asbestos exposure in life and occupational environment. Thermal transformation of cement-asbestos (Eternit) and in vitro toxicology studies.	Federica Giantomassi	Marche	**28,00**	36	20	0	€ 574.000,00	€ 460.000,00

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922	GR-2008-1138408	EVALUATION AND TREATMENT OF ESSENTIAL ARTERIAL HYPERTENSION TROUGH THE USE OF NEW PSYCHOPHYSIOLOGICAL TOOLS	Sara Torriero	Fondazione Santa Lucia	**28,17**	38 22,5 24	€ 597.000,00	€ 367.200,00
923	GR-2008-1143611	Gene and protein expression profiling of apoptosis markers in subjects with Down Syndrome	michele salemi	Associazione Oasi Maria SS.	**28,33**	32,5 17,5 35	€ 713.117,40	€ 600.000,00
924	GR-2008-1142866	Telemedicine: the future is now	Daniele Martarelli	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**28,33**	38 26,5 20,5	€ 600.000,00	€ 600.000,00
925	GR-2008-1145203	Determinants, models and instruments for measuring continuity of care	Paolo Tedeschi	Toscana	**28,50**	23 34 0	€ 550.000,00	€ 470.000,00
926	GR-2008-1137616	Response to hypoxia in cerebrospinal fluid (CSF) of Amyotrophic Lateral Sclerosis (ALS) patients: identification of new biomarkers for diagnosis and potential future therapeutic strategies.	Claudia Ricci	Toscana	**28,50**	26,5 28,5 30,5	€ 455.000,00	€ 351.000,00
927	GR-2008-1145530	Factorial two-by-two study of chemotherapy in advanced gastric cancer	Matteo Dalla Chiesa	Regione Lombardia - Direzione Generale Sanità	**28,50**	19 38 0	€ 600.000,00	€ 520.000,00
928	GR-2008-1134883	Mesenchymal stem cells from umbilical cord blood: optimizing expansion and cryopreservation protocols	Luisa Mancuso	Sardegna	**28,50**	34 31 20,5	€ 473.000,00	€ 473.000,00
929	GR-2008-1134165	Health care expenditures for HIV-infected patients treated with new antiretroviral drugs as salvage therapy	MAURIZIO MASSELLA	Istituto Superiore di Sanita'	**28,50**	33,5 23,5 0	€ 400.000,00	€ 0,00
930	GR-2008-1145512	Research and development of a novel intraoperative probe for the survey of gamma rays emitted from radionuclides	Emiliano Zampetti	Istituto Europeo di Oncologia	**28,67**	23 45 18	€ 579.700,00	€ 530.200,00
931	GR-2008-1145516	Boosting Neurorehabilitation with Noninvasive Brain Stimulation: Assessment of Utility, Safety and Feasibilty of Neuromodulatory Interventions	Nicola Riccardo Polizzotto	Toscana	**28,67**	43 22 21	€ 512.000,00	€ 512.000,00
932	GR-2008-1138941	A new method for assisted diagnosis in autoimmune diseases.	ROSARIO MAGRO	Sicilia	**28,67**	35 24 27	€ 1.040.000,00	€ 570.000,00

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933	GR-2008-1142665	Statin-induced myopathy: identification of risk by molecular genetic approach	Maria Lucia Tardio	Emilia-Romagna	**28,83**	35,5	33,5	17,5	€ 600.000,00	€ 334.500,00
934	GR-2008-1144197	Organization of emergency medical and hospital services and injuries: search of evidence, analysis of the Tuscan context and production and spread of a better managerial culture	Chiara Lorini	Toscana	**28,83**	32	26,5	28	€ 494.909,00	€ 379.409,00
935	GR-2008-1137262	Cortical reorganization in patients affected to Stroke after treatment with botulinum toxin Type A	Concetta Pastura	IRCCS Centro Neurolesi "Bonino Pulejo"	**29,17**	23	33,5	31	€ 455.000,00	€ 335.000,00
936	GR-2008-1138252	Development, implementation and effectiveness of technology and clinical methods of 4D-Radiation Therapy, 4D-Image Guided Radiation Therapy and 4D-Adaptive Radiation Therapy.Use in clinical practice practice for equitable access and adequate performance o	Gabriele Guidi	Emilia-Romagna	**29,17**	31	33	23,5	€ 1.470.000,00	€ 600.000,00
937	GR-2008-1135837	Primary prevention study: cardiovascular risk evaluation of children of patients affected by premature coronary artery disease	alfonso sestito	Lazio	**29,17**	30	19,5	38	€ 600.000,00	€ 600.000,00
938	GR-2008-1135330	Role of 64-slice CT in the detection of significant coronary artery disease in intermediate-to-low risk population.	Federica Fiocchi	Emilia-Romagna	**29,17**	17,5	45	25	€ 598.500,00	€ 598.500,00
939	GR-2008-1142556	CARATTERIZZAZIONE DELLA CARDIOMIOPATIA DILATATIVA: LA RISONANZA MAGNETICA E L'ECOSTRAIN COME GOLD STANDARDS	giovanni fazio	Regione Lombardia - Direzione Generale Sanità	**29,17**	40,5	28	19	€ 467.000,00	€ 327.000,00
940	GR-2008-1145169	Tele-cardiology for general practitioners: early diagnosis of heart disease in the elderly.	NATALE DANIELE BRUNETTI	Agenzia per i Servizi Sanitari Regionali	**29,25**	32,5	26	0	€ 600.000,00	€ 600.000,00
941	GR-2008-1140148	Molecular mechanisms of glucocorticoids regulating genes and role in inflammatory processes	Concetta Crisafulli	IRCCS Centro Neurolesi "Bonino Pulejo"	**29,33**	24	36	28	€ 965.161,00	€ 750.517,00
942	GR-2008-1144168	Smart enviroment for autonomous life	PASQUALE FEDELE	Agenzia per i Servizi Sanitari Regionali	**29,33**	34	34	20	€ 679.000,00	€ 588.000,00

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943	GR-2008-1140750	IFN-Y INDUCED BY PHA STIMULATION AS NEW MARKER FOR GVHD PREDICTION IN PATIENTS UNDERGOING ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION	Enrico Morello	Regione Lombardia - Direzione Generale Sanità	**29,50**	19	40	29,5	€ 408.500,00	€ 243.000,00
944	GR-2008-1137441	Activity-based Enrichment as a tool for isolating subproteomes for diagnostic/prognostic purposes	Filippo Genovese	Emilia-Romagna	**29,50**	29,5	26	33	€ 541.000,00	€ 490.000,00
945	GR-2008-1143226	Does functional pasta including ingredient supplements exert bioprotective effects on central nervous systems of elderly subjects with subjective memory complaints?	Nicola Marzano	Istituto Neurologico Mediterraneo Neuromed	**29,67**	31	26	32	€ 440.000,00	€ 440.000,00
946	GR-2008-1143524	Phenotypic and functional evaluation of human Vdelta2 T cells in patients with hepato-cellular carcinoma: a potential tool for targeted immunotherapy in liver cancer.	Silvia Ferri	Emilia-Romagna	**29,83**	19,5	44	26	€ 350.000,00	€ 344.000,00
947	GR-2008-1137506	IPMaR- Innovative patient management in radiotherapy applied to IMRT in HN cancers	Ester Orlandi	Fondazione IRCCS Istituto Nazionale dei Tumori	**30,00**	33	29,5	27,5	€ 1.309.000,00	€ 594.000,00
948	GR-2008-1136255	Circulating biomarker-based diagnostics to be applied in neuro-oncology clinic	Oscar Fernando D'Urso	Puglia	**30,33**	28,5	38	24,5	€ 658.720,00	€ 597.520,00
949	GR-2008-1136831	MULTIPLE MYELOMA: bringing molecular research to the clinic	Lucia Farina	Ospedale Maggiore	**30,33**	17,5	39,5	34	€ 1.147.500,00	€ 590.500,00
950	GR-2008-1141880	RNA ADIPONECTIN, RNA PLACENTAL GROWTH FACTOR AND NO SYNTHASE PLACENTAL EXPRESSION IN PREGNANCIES COMPLICATED BY PRE-ECLAMPSIA (PE) AND INTRAUTERINE GROWTH RETARDATION (IUGR) VS PHYSIOLOGICAL PREGNANCIES: STRATEGIES FOR EARLY DIAGNOSIS	CHRISTINE TITA KAIHURA	Emilia-Romagna	**30,50**	26,5	34,5	0	€ 595.000,00	€ 405.000,00
951	GR-2008-1140151	Breast cancer stem cells: initiation, progression and chemoresistance	Flora Iovino	Sicilia	**30,67**	34	27	31	€ 900.000,00	€ 600.000,00
952	GR-2008-1146222	Development of pasta, meat and consumption of red wine as healthy products for the safeguard of human health through innovation of cereal production and livestock feeding strategies	Felicita Jirillo	Ente Ospedaliero Specializzato in Gastroenterologia "Saverio de Bellis"	**30,67**	32,5	24	35,5	€ 480.000,00	€ 420.000,00

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953	GR-2008-1146228	Oxidative stress analysis with photoacoustic Laser spectroscopy of molecular markers in samples of expired breath from patients irradiated with ionizating radiations.	Eduardo Buono	Agenzia per i Servizi Sanitari Regionali	**30,83**	31 28 33,5	€ 600.000,00	€ 600.000,00
954	GR-2008-1141842	Efficacy of upper limb botulinum toxin injection on gait disorders of patients after stroke	anna furnari	IRCCS Centro Neurolesi "Bonino Pulejo"	**30,83**	30 31,5 31	€ 541.000,00	€ 361.000,00
955	GR-2008-1143275	Un nuovo strumento predittivo di rischio cardiovascolare e cronicizzazione del dolore/A new predictor of cardiovascular risk and pain chronification	Alexa Huber	Toscana	**31,00**	35 38 20	€ 453.000,00	€ 373.000,00
956	GR-2008-1140400	Molecular characterisation of bone metastasis	Mirko Marabese	IRCCS Istituto Ortopedico Galeazzi	**31,00**	29,5 25,5 38	€ 1.162.365,00	€ 574.365,00
957	GR-2008-1142567	CHARACTERIZATION OF SURFACE MARKERS IN HUMAN GLIOBLASTOMA CELLS. FORMULATIONS OF NEW THEAPEUTIC STRATEGIES	Barbara D'Angelo	Abruzzo	**31,00**	40 24 29	€ 450.000,00	€ 390.000,00
958	GR-2008-1134601	Engineered Polymer Scaffolds for Dermis Regeneration with Angiogenesis	Francesco Carfì Pavia	Sicilia	**31,17**	37 19,5 37	€ 471.000,00	€ 371.000,00
959	GR-2008-1143677	Obesity: the model of intervention Skill Training	Anna Lisa Amodeo	Campania	**31,17**	19,5 32 42	€ 252.000,00	€ 407.000,00
960	GR-2008-1146317	Multiple sclerosis patients preferences: consideration of their awareness and perception	Lara Gitto	IRCCS Centro Neurolesi "Bonino Pulejo"	**31,17**	28 24,5 41	€ 420.000,00	€ 420.000,00
961	GR-2008-1144109	Influence of quetiapine treatment on seizure threshold	Domenico Italiano	IRCCS Centro Neurolesi "Bonino Pulejo"	**31,17**	29 37,5 27	€ 438.000,00	€ 303.000,00
962	GR-2008-1139690	Prostate cancer: advantages of MRI at 3.T with endorectal coil, with spectroscopic and functional analysis for new terapeutic protocol.	luigi labella	IRCCS Centro di Riferimento Oncologico della Basilicata (CROB)	**31,17**	39 33 21,5	€ 702.000,00	€ 302.000,00
963	GR-2008-1136619	Identification of risk factors in pregnancies of women with epilepsy: prepartum counseling, management of gestation, postpartum support: a multidisciplinary approach	Katherine Turner	Regione Lombardia - Direzione Generale Sanità	**31,17**	39 24 30,5	€ 400.000,00	€ 400.000,00

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964	GR-2008-1142233	Evaluation of cellular immune response to HCMV, EBV and BKV in end-stage-renal-disease patients and renal transplant recipients.	maria elena terlizzi	Piemonte	**31,33**	33	16	45	€ 429.000,00	€ 429.000,00
965	GR-2008-1134503	From painful migration to a possible integration. Intensive multidisciplinary study of psychological, cultural and social factors involved in the process of rehabilitation of a population of trafficked women	Giuseppe Di Maria	Lazio	**31,33**	19,5	36	38,5	€ 485.000,00	€ 485.000,00
966	GR-2008-1143861	Using Engineering Mathematical Models and CT 4D Imaging to understand the Hemodynamics After Aortic Prosthesis Insertion	SILVIA ROMAGNOLI	Ospedale Maggiore	**31,33**	14	45	35	€ 590.000,00	€ 390.000,00
967	GR-2008-1143101	Raman Spectroscopy as a Clinical Biochemistry Powerful Tool for the Rapid Identification of molecular fingerprints of microorganisms in biological fluids: comparison with conventional methods in a clinical environment	Michele Casella	Fondazione Don Carlo Gnocchi Onlus	**31,50**	29	39,5	26	€ 894.000,00	€ 584.000,00
968	GR-2008-1140949	A study on professional accidents and correlated pathologies in air compressed workers: decompression procedures, physiological models, and prediction of the occurrence of Decompression Illness	Angelo tirabasso	Ist. Sup. per la Prevenzione e Sicurezza sul Lavoro	**31,83**	33,5	30	32	€ 506.000,00	€ 386.000,00
969	GR-2008-1146637	Perinatal Brain Lesion and early motor behaviour in newborn infants studied with Magnetic Resonance Diffusion Tensor Imaging (DTI)	Luca Nocetti	Emilia-Romagna	**31,83**	34,5	17,5	43,5	€ 380.000,00	€ 380.000,00
970	GR-2008-1142356	Towards an innovative model of orientation and evaluation of the clinical practice from two clinical settings of chronic illness treatment	Paolo Monti	Ospedale Maggiore	**32,00**	26	38	0	€ 271.000,00	€ 141.000,00
971	GR-2008-1143875	Simulation and visualization of the vascular system for surgery	Gionata Fragomeni	Calabria	**32,67**	30,5	41,5	26	€ 350.300,00	€ 209.000,00
972	GR-2008-1143758	Oxidative and nitrosative stress in patients with chronic heart failure: clinical correlates and prognostic value.	massimo pistono	Piemonte	**32,67**	22	31	45	€ 590.000,00	€ 310.000,00

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973	GR-2008-1142549	Computational Models for Phylogenetics Analysis	Roberto Aringhieri	Piemonte	**32,83**	33	35	30,5	€ 481.000,00	€ 389.000,00
974	GR-2008-1144736	Behavioral approches in the management of pain in cancer patients	Elisa Martino	Emilia-Romagna	**32,83**	34	33,5	31	€ 337.500,00	€ 277.500,00
975	GR-2008-1136457	Inflammatory and Oxidative Markers in Cognitive Impaired Subjects (IOMCIS)	Gianluca Isaia	Piemonte	**33,00**	35	31	33	€ 410.000,00	€ 230.000,00
976	GR-2008-1138003	Life expectancy at birth is over 100 years old, is this true?Lifestyle, Diet and Sport in relation to health: how to reduce the number of future diseases and its health costs	Luigi Petillo	Istituto Regina Elena	**33,67**	33	37	31	€ 1.889.953,00	€ 645.000,00
977	GR-2008-1145968	Tanslational research project to study the potential role of statins in the modulation of the alveolar damage mechanisms during acute lung injury	Lorenzo Del Sorbo	Piemonte	**33,67**	45	28	28	€ 0,00	€ 0,00
978	GR-2008-1145307	Novel Mass Spectrometry Immunoassay technology for detection of proteins and peptides used in sports	Riccardo Addobbati	IRCCS pediatrico Burlo Garofolo	**33,83**	28	33	40,5	€ 600.000,00	€ 555.000,00
979	GR-2008-1137791	EFFECTIVENESS OF PALLIATIVE CARE APPROACH ON QUALITY OF LIFE AND HEALTH CARE COSTS REDUCTION IN PATIENTS WITH ADVANCED HEART FAILURE	CHIARA CATANANTI	Istituto Nazionale di Riposo e Cura per Anziani V.E. II	**34,00**	35	34	33	€ 1.085.550,00	€ 599.550,00
980	GR-2008-1144108	The role of the caregiver in the integrated social-health management of dementia. Evaluation-intervention research in Calabria Region (Italy)	MARIA ROSARIA CIAMBRONE	Calabria	**34,00**	42	40	20	€ 424.500,00	€ 313.000,00
981	GR-2008-1144435	Analysis of the role of socio-economic determinants in predicting the risk of stroke in the elderly	Maria Avolio	FONDAZIONE IRCCS ISTITUTO NEUROLOGICO "C.BESTA"	**34,17**	35	30,5	37	€ 473.300,00	€ 372.900,00
982	GR-2008-1142342	The quality of life and relationship between medical staff, patients and families in oncology	Roberta Bailo	Regione Lombardia - Direzione Generale Sanità	**34,67**	25	39,5	39,5	€ 472.000,00	€ 472.000,00
983	GR-2008-1143982	Developing a bioinformatics approach to infer factors involved in human diseases from biological network data	Diego Garlaschelli	Agenzia per i Servizi Sanitari Regionali	**34,83**	35	30	39,5	€ 495.000,00	€ 495.000,00

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984	GR-2008-1140792	Early diagnosis of atypical melanocytic lesions by confocal and non-linear optical imaging	Francesco Tessarolo	Provincia autonoma Trento	**35,00**	27	35	43	€ 596.069,00	€ 432.000,00
985	GR-2008-1142041	Online writing cure and Post-Traumatic Stress Disorder	ilaria sarmiento	Toscana	**35,00**	24	40	41	€ 575.000,00	€ 575.000,00
986	GR-2008-1139177	The Mirror Neuron System in Paraplegic and Tetraplegic subjects : an fMRI study	francesca cavallo	Istituto San Raffaele Pisana	**35,50**	29	36,5	41	€ 563.000,00	€ 363.000,00
987	GR-2008-1145165	extended newborn screening of inherited rare metabolic diseases using tandem mass spectrometry	elvira lupinacci	Calabria	**36,00**	30	42	36	€ 600.000,00	€ 600.000,00
988	GR-2008-1144358	First Line Dose-Dense Chemotherapy With Docetaxel, Cisplatin, Folinic Acid and 5-Fluorouracil plus Panitumumab in Patients With Metastatic or locally advanced Cancer of the Stomach or Gastro-oesophageal Junction: A Phase II Multicenter Trial	Rodrigo Kraft Rovere	Regione Lombardia - Direzione Generale Sanità	**36,17**	29,5	45	34	€ 586.000,00	€ 225.000,00
989	GR-2008-1134888	Tobacco-free program: formazione degli operatori sanitari e attivazione di centri anti-fumo - Tobacco-free program: healthcare workers' training and creation of smoking cessation clinics	Maria Ester Licata	Agenzia per i Servizi Sanitari Regionali	**36,67**	44	36	30	€ 761.000,00	€ 511.000,00
990	GR-2008-1138818	Molecular analysis of the tumor microenvironment: role of hypoxia and cancer stem cells in the malignant progression of prostate cancer and up-regulation of the inflammatory-reparative response gene.	Patrizio Sale	Istituto San Raffaele Pisana	**37,33**	35	38	39	€ 630.000,00	€ 191.000,00
991	GR-2008-1145977	Regional and a national needs for an Excellence Center for cranio-maxillo-facial malformations.	Orlando Cipriani	Lazio	**37,50**	35	40	0	€ 480.000,00	€ 480.000,00
992	GR-2008-1135728	Clinical and therapeutic problems in patients affected by gender identity disorder (GID)	anna myriam perrone	Emilia-Romagna	**38,33**	29	41	45	€ 161.060,00	€ 151.050,00
993	GR-2008-1144878	PAIN PERCEPTION AND TREATMENT IN UNCONSCIOUS MECHANICALLY VENTILATED PATIENTS IN INTENSIVE CARE (HOSPITAL ENVIRONMENT)	FRANCESCA NUNZIANTE	Emilia-Romagna	**40,33**	44	40	37	€ 300.000,00	€ 0,00

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994	GR-2008-1141988	TGF B EXPRESSION AND HORMONE TERAPHY IN PROSTATE CANCER	Paolo Fuzio	Puglia	**40,83**	43,5	37	42	€ 300.000,00	€ 300.000,00
995	GR-2008-1136656	Gene-nutrient interaction for the identification of biomarkers related to the distrectuality of the atherosclerotic disease	Francesco Sofi	Toscana	**42,67**	38	45	45	€ 400.000,00	€ 278.000,00
996	GR-2008-1142012	Design and realization of electronic systems and devices for clinical diagnosis and therapy of pediatric diseases	Michele Bava	IRCCS pediatrico Burlo Garofolo	**43,50**	43,5	45	42	€ 362.000,00	€ 287.000,00
997	GR-2008-1133570	17 Biologia dello sviluppo e biologia molecolare del medulloblastoma	roberta graziano	Regione Lombardia - Direzione Generale Sanità	**45,00**	45	45	45	€ 0,00	€ 0,00