



Ministero della Salute

Direzione Generale Ricerca Sanitaria e Biomedica e della Vigilanza sugli Enti

BANDO 2011-212 RICERCA FINALIZZATA - Elenco Progetti Ricercatore Italiano all'Estero Presentati

CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02346747	MicroRNA replacement and RNAi-mediated silencing of ALK as combined targeted therapies for neuroblastoma	GASLINI	Ponzoni	Mirco	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02346758	Immunoscreening: simultaneous quantification of TRECs and KRECs for newborn screening of T- and/or B-cell deficiencies	Lombardia	Imberti	Luisa	Clinical	Immunology	Infection and immunity
PE-2011-02346769	Identification and validation of miRNAs as novel biomarkers and therapeutic targets in diffuse malignant peritoneal mesothelioma	ISTITUTO TUMORI MILANO	Zaffaroni	Nadia	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02346794	Comparative effectiveness and safety with regard to cardiovascular events of non-insulin therapies for type 2 diabetes	Lazio	Davoli	Marina	Clinical	Population Sciences and Epidemiology	Metabolism disorders and cardiovascular disease
PE-2011-02346795	Role of APOBEC1 in the initiation and progression of cancer	Toscana	Conticello	Silvestro	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02346818	Assessing the immunomodulatory effect of probiotics in the Experimental Model of Myasthenia Gravis	CARLO BESTA	Baggi	Fulvio	Biomedical	Brain Disorders and Clinical Neuroscience	Infection and immunity
PE-2011-02346849	Nanotechnology for the multiplex diagnosis of infectious diseases	Istituto Superiore di Sanita'	Nisini	Roberto	Biomedical	Infectious Diseases and Microbiology	The new biotechnologies

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02346869	The use of antisense oligonucleotides to PTPN22 gene variant conjugated to immunoliposomes as a novel therapeutic approach in type 1 diabetes and autoimmune polyendocrine syndrome type 3 variant	OSPEDALE BAMBINO GESU'	Fierabracci	Alessandra	Clinical	Immunology	Infection and immunity
PE-2011-02346884	Virtual and Augmented Reality Support for Transcatheter Valve Implantation Using Cardiovascular MRI	Toscana	Positano	Vincenzo	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	Metabolism disorders and cardiovascular disease
PE-2011-02346905	Metagenomic search for microbiological determinants of human tumors	Istituto Superiore di Sanita'	Crescenzi	Marco	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02346922	Prevention and Treatment of Hardware Infection Through Titanium Surface Modifications and Improved Wound Healing Through Nanoparticle Delivery Mechanisms	MAUGERI	Visai	Livia	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies
PE-2011-02346925	Development of Training Optimization Techniques for Robot-assisted Neurorehabilitation	MAUGERI	Colombo	Roberto	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases
PE-2011-02346927	Characterization and functions of ROR γ ⁺ IL22-producing innate lymphoid cells in neoplastic and autoimmune human diseases	Sicilia	Ferlazzo	Guido	Biomedical	Immunology	Oncology
PE-2011-02346932	Clinical significance of serum microRNA associated with primary sclerosing cholangitis	HUMANITAS	INVERNIZZI	PIETRO	Clinical	Digestive, Kidney and Urological Systems	Infection and immunity
PE-2011-02346936	Effect of seizures on the severity of epileptic and cognitive phenotypes in a mouse model of Dravet syndrome.	CARLO BESTA	Scalmani	Paolo	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02346958	Predictive value of circulating microparticle signature in coronary bypass graft patency	MONZINO	Camera	Marina	Clinical	Vascular and Hematology	Metabolism disorders and cardiovascular disease
PE-2011-02346988	Hypertension in high school students:Genetic and Environmental Factors	Toscana	Bigazzi	Roberto	Clinical	Population Sciences and Epidemiology	Metabolism disorders and cardiovascular disease
PE-2011-02346992	Molecular and immunological elements involved in HCV-associated lymphoproliferative disorders	SAN MATTEO	MONDELLI	MARIO UMBERTO	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02347021	A new approach to diagnosis in muscular diseases	CARLO BESTA	Bernasconi	Pia	Biomedical	Genes, Genomes and Genetics	Neurological diseases
PE-2011-02347026	Delivery and imaging of miRNAs by multifunctional carbon nanotubes and circulating miRNAs as innovative therapeutic and diagnostic tools for pediatric pulmonary hypertension	OSPEDALE BAMBINO GESU'	Masotti	Andrea	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02347028	Dual ErbB-3 and PI3K/AKT pathway inhibition as a novel approach to targeting cancer	Abruzzo	Iacobelli	Stefano	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347035	Long-term persistence of Integrase Defective Lentiviral Vector (IDLV) vectored HIV-1-Env for induction of protective antiviral antibodies	Istituto Superiore di Sanita'	Cara	Andrea	Biomedical	AIDS and Related Research	Infection and immunity
PE-2011-02347070	The Role of Mineralocorticoid Receptor (MR) hyperactivation in Obesity:Effects of MR blockade in human and animal models of overfeeding.	SAN RAFFAELE PISANA	CAPRIO	MASSIMILI ANO	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02347075	IN PURSUIT OF NOVEL THERAPEUTIC STRATEGIES FOR NON-ALCOHOLIC FATTY LIVER DISEASE: UNDERSTANDING THE ROLE OF LITAF PROTEIN.	OSPEDALE BAMBINO GESU'	Alisi	Anna	Biomedical	Digestive, Kidney and Urological Systems	Metabolism disorders and cardiovascular disease
PE-2011-02347098	In vitro functional studies of p27 genetic variants discovered in patients with MEN4 and MEN1 like syndrome	Emilia-Romagna	Zatelli	Maria Chiara	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347101	New specific calcium inhibitor BZ194 as potential modulator of Myasthenia Gravis	CARLO BESTA	Cordiglieri	Chiara	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347119	Deflecting colon inflammation to cancer transition in favor of tissue repair via mast cells	ISTITUTO TUMORI MILANO	Colombo	Mario Paolo	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347146	Cancers following solid organ transplant: assessment of risk and identification of biomarkers associated with clinical course	C.R.O. AVIANO	Serraino	Diego	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347165	SURVEILLANCE OF MULTI-DRUG RESISTANT (MDR) MICROORGANISMS AND FUNGI COLONIZATIONS AND INFECTIONS ACQUIRED IN A NOSOCOMIAL SETTING, WITH PARTICULAR REFERENCE TO SURGICAL INFECTIONS IN CANCER PATIENTS AND EMERGENCY SURGERY PATIENTS.	Sicilia	Di Carlo	Paola	Clinical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02347185	Therapeutically relevant STEM cells for cell-based treatment of beta haemoglobinopathies by lentiviral and homologous recombination gene therapies (THERSTEMGLOB)	Liguria	FORNI	GIANLUCA	Biomedical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02347222	Genomic and proteomic biomarkers in patients with aneurismal subarachnoid hemorrhage.	Sicilia	Germano'	Antonino	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347239	Cardiac pathophysiology in Dravet Syndrome mortality	CARLO BESTA	Terragni	Benedetta	Biomedical	Cardiovascular and Respiratory Sciences	Neurological diseases
PE-2011-02347240	Lipid raft and caveolin-1 -dependent stroma/epithelium cross talk in prostate cancer progression: diagnostic and therapeutic implications.	Toscana	Tarantini	Francesca	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347248	ADIPONECTIN: NEW TOOL FOR THERAPEUTIC STRATEGY IN MULTIPLE SCLEROSIS	DON GNOCCHI	Saresella	Marina	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347251	Assessing the role of anti-endothelial autoantibodies and endothelial cell dysfunction in the pathogenesis of idiopathic thromboembolism	HUMANITAS	DELLA BELLA	SILVIA	Biomedical	Immunology	Metabolism disorders and cardiovascular disease
PE-2011-02347287	Modulation of FoxO1 antioxidant function to prevent aging related disorders: diabetes and atherosclerosis	Abruzzo	CONSOLI	AGOSTINO	Biomedical	Biology of Development and Aging	Metabolism disorders and cardiovascular disease
PE-2011-02347329	Induced pluripotent stem cell (iPSC) technology in osteoimmunology: correcting the bone and immune defects of osteopetrosis	HUMANITAS	VEZZONI	PAOLO	Biomedical	Genes, Genomes and Genetics	Infection and immunity
PE-2011-02347331	Serum microRNAs and flow cytometry as a novel approach for supporting clinical management of monoclonal gammopathies	Lombardia	Rossi	Giuseppe	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347349	Role of relaxin in bone metastasis	Veneto	ferlin	alberto	Biomedical	Oncology 1 - Basic Translational	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02347353	INVOLVEMENT OF DLX GENES IN CANCER OF THE FEMALE REPRODUCTIVE TRACT: ELUCIDATING THE ROLE OF NEW PROMISING TUMOR TARGETS.	IRCCS AOU San Martino-IST (Genova)	Barbieri	Ottavia	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347357	Cellular and molecular determinants of myxomatous mitral valve prolapse	MONZINO	Parolari	Alessandro	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02347367	SVILUPPO DI PROTOCOLLI PER LA LIOFILIZZAZIONE DI CELLULE ED OOCITI IN UN MODELLO ANIMALE (OVINO).	Istituto Superiore di Sanita'	SCARAVELLI	GIULIA	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	The new biotechnologies
PE-2011-02347378	Particle disease and aseptic loosening in total hip arthroplasty: unveiling mechanisms of innate immune reaction at the molecular scale to prevent periprosthetic osteolysis	RIZZOLI	Ciapetti	Gabriela	Biomedical	Immunology	Infection and immunity
PE-2011-02347435	Role of lipid rafts in the immune response to fungal infections	Istituto Superiore di Sanita'	Gagliardi	Maria Cristina	Biomedical	Immunology	Infection and immunity
PE-2011-02347500	Towards a personalized medicine: identification of genetic risk factors (including rare variants) for cardiovascular diseases in Italian Isolated populations by Genome Wide Association Studies and Next Generation Sequencing	BURLO GAROFALO	Gasparini	Paolo	Clinical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease
PE-2011-02347510	Toxins produced by intestinal bacteria and predisposing genetic variations: a dangerous link for colorectal cancer development?	Istituto Superiore di Sanita'	Fabbi	Alessia	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347518	PRE-CLINICAL EVALUATIONS OF CELL THERAPY FOR OSTEOARTHRITIS TREATMENT	RIZZOLI	Lisignoli	Gina	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02347520	Effect of dietary components on diabetes renal complications: the link with oxidative stress	Toscana	Matteucci	Elena	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02347566	Molecular mechanisms underlying metabotropic glutamate (mGlu) receptor dysfunction in Fragile X syndrome	Associazione Oasi Maria SS	Catania	Maria Vincenza	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases
PE-2011-02347593	Evaluation of the diagnostic and therapeutic potential of novel human recombinant antibodies in solid tumors.	IRCCS AOU San Martino-IST (Genova)	Carnemolla	Barbara	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347615	Frizzled receptor 6 (Fzd6) as a new biomarker and therapeutic target in breast cancer.	Abruzzo	Piantelli	Mauro	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347623	Evaluation of Default Mode Network in prediction of disorders of consciousness clinical prognosis	Campania	PAPA	MICHELE	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347627	Early exposure to Bisphenol A (BPA) and increased risk for childhood obesity and insulin resistance: Study of the role of BPA in the dysregulation of the leptin-melanocortin regulated hypothalamic hunger/satiety center and in the modulation of adipokines	Campania	Miraglia del Giudice	Emanuele	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Food safety and animal welfare
PE-2011-02347688	Evaluation and treatment of impaired VitaminD metabolism in Rheumatoid Arthritis.	Piemonte	Sainaghi	Pier Paolo	Clinical	Musculoskeletal, Oral and Skin Sciences	Infection and immunity
PE-2011-02347699	Dissecting the phenotypic heterogeneity of human melanoma: building the rationale for therapeutic vaccines overcoming intratumor heterogeneity.	Istituto Scientifico Romagnolo	Guidoboni	Massimo	Biomedical	Oncology 2 - Translational Clinical	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02347704	Human Adipose Stromal Stem Cells for Ischemic Stroke Treatment	SAN RAFFAELE PISANA	DELLA MORTE	DAVID	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347707	Safety and efficacy of novel therapeutic strategies against high grade gliomas.	IRCCS AOU San Martino-IST (Genova)	Malatesta	Paolo	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347716	Epsins in epidermal Notch signaling and cancer	SAN RAFFAELE MILANO	Cremona	Ottavio	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347731	Low-power impedance micro-analyzer for monitoring ambulatory patients with gastro-oesophageal reflux disease based on combined high-resolution manometry and PH-impedance	Campania	IOVINO	PAOLA	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies
PE-2011-02347740	Pilot study of a fasting-mimicking diet as a means to reduce the toxicity of chemotherapy in elderly patients	IRCCS AOU San Martino-IST (Genova)	Patrone	Franco	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347769	New insights in the treatment of necrotizing enterocolitis: Modulation of the cholinergic anti-inflammatory pathway with the use of melanocortins in an experimental neonatal model	Sicilia	Romeo	Carmelo	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	Infection and immunity
PE-2011-02347772	Conditional reprogramming cell cultures: a novel technology for chemoradiation sensitivity assay in patients with locally advanced rectal cancer. Technology transfer and translation to clinic	C.R.O. AVIANO	Belluco	Claudio	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347780	INTEGRATED "OMIC" APPROACHES TO STUDY VARIABLE PENETRANCE AND ESPRESSIVITY IN SPASTIN-RELATED SPASTIC PARAPLEGIA	STELLA MARIS	Tessa	Alessandra	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02347829	Potential implications for G15 ectopic expression in pancreatic cancer: - prognostic and diagnostic value as a clinical/molecular marker- validation as a pharmacological target	Veneto	Bassi	Claudio	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347851	Lysophosphatidic acid (LPA) as a lipid modulator of tumor/stroma cross-talk during HCC progression	ONCOLOGICO DI BARI	Giannelli	Gianluigi	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347863	Nanotechnology-based approach for induction of immune tolerance	Lazio	Magrini	Andrea	Biomedical	Bioengineering Sciences and Technologies	Infection and immunity
PE-2011-02347872	Role of HIF factors in leukemogenesis and evaluation of the effectiveness of their targeting as anti-tumor therapy	SAN RAFFAELE MILANO	Bernardi	Rosa	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347886	In vitro and in vivo measure of cancer metabolism in boosted cancer therapy as a tool to identify the potential of starvation in increasing effectiveness of chemotherapy.	GASLINI	Raffaghello	Lizzia	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02347900	Ceruloplasmin deamidation in cerebrospinal fluid of Parkinson's disease: gain of pro-adhesive function	SAN RAFFAELE MILANO	Alessio	Massimo	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347905	Turning expression into advantage: a new tool for regulatory T cell therapy	BURLO GAROFALO	Gasparini	Chiara	Biomedical	Immunology	Infection and immunity
PE-2011-02347911	Preclinical studies to validate the efficacy of exemestane in the treatment of mesothelioma	REGINA ELENA	Galati	Rossella	Biomedical	Oncology 2 - Translational Clinical	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02347923	Role of the stromal-derived factor-1 (SDF-1)/CXCR7 cross-talk between human hepatic stellate cells (hHSC) and cholangiocarcinoma (CCA) cells: a new target for CCA therapy?	Toscana	Gentilini	Alessandra	Biomedical	Cell Biology	Oncology
PE-2011-02347934	Reactive oxygen species (ROS) and phosphoinositide 3-kinase (PI3K) signalling in breast cancer	Abruzzo	Favaloro	Bartolo	Biomedical	Cell Biology	Oncology
PE-2011-02347940	Preclinical studies on TM9SF4, a novel potential biomarker associated with malignancy in patients with skin cancers	Istituto Superiore di Sanita'	Lozupone	Francesco	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347942	Role of multiple HPV infections in the development of cervical diseases.	BURLO GAROFALO	Comar	Manola	Clinical	Infectious Diseases and Microbiology	Oncology
PE-2011-02347951	Interaction between environmentally sensitive DNA methylation and dopamine D2 related genetic variation on schizophrenia phenotypes	Puglia	Bertolino	Alessandro	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02347983	Development of new peptide-based compounds and microRNA targeting the ErbB3/p85 interaction and expression to overcome drug resistance in metastatic breast cancers	REGINA ELENA	Falcioni	Rita	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02347992	Combination therapy based on the inhibition of Ras-ERK and mTOR signalling for the treatment of L-DOPA induced Dyskinesia	SAN RAFFAELE MILANO	Brambilla	Riccardo	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases
PE-2011-02348010	Development of autologous induced pluripotent stem cells from selected adult patients with age-related macular degeneration for identification of novel gene-based therapies	Emilia-Romagna	PARMEGGIANI	FRANCESCO	Biomedical	Cell Biology	The new biotechnologies

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02348012	Preclinical evaluation of safety, efficacy and mechanism of action of statins as drugs interfering with the development and/or growth of hepatitis B virus (HBV)-associated hepatocellular carcinoma (HCC).	SAN RAFFAELE MILANO	Guidotti	Luca	Biomedical	Immunology	Infection and immunity
PE-2011-02348014	BRAIN AGING: IS IT POSSIBLE TO AVOID DEMENTIA?	Toscana	Nacmias	Benedetta	Clinical	Population Sciences and Epidemiology	Neurological diseases
PE-2011-02348016	Role of hypoxia induced miR-210 in peripheral ischemia	SAN DONATO	Martelli	Fabio	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease
PE-2011-02348076	Workflow-based Integrated Diagnostic Oncoproteomics Laboratory System (WIDOLS)	IRCCS AOU San Martino-IST (Genova)	Romano	Paolo	Biomedical	Bioengineering Sciences and Technologies	Oncology
PE-2011-02348077	Role of Ezh2 in DNA damage response	REGINA ELENA	Fanciulli	Maurizio	Biomedical	Cell Biology	Oncology
PE-2011-02348107	Regulation of cancer stem cell symmetric divisions by myc	I.E.O.	PELICCI	PIER GIUSEPPE	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348211	Restoring the enteric nervous system: neural progenitors derived from Amniotic Fluid and Placenta Stem Cells for novel approaches in the treatment of Hirschsprung's disease and intestinal aganglionosis	Veneto	Giacomello	Luca	Biomedical	Biology of Development and Aging	Neurological diseases
PE-2011-02348307	SIGNATURES OF VOLITIONAL INHIBITION IN THE SUBTHALAMIC NUCLEUS: A WAY TO PROVIDE SURGEONS A TOOL FOR OPTIMIZING DEEP BRAIN STIMULATION SURGERY	NEUROMED	Mirabella	Giovanni	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02348317	The histaminergic system in the development of collateral circulation	SAN RAFFAELE PISANA	LA SALA	ANDREA	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02348325	Prenatal and early postnatal predictors of childhood obesity	Piemonte	merletti	franco	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02348345	Susceptibility to heat in cohorts of births, children and elderly: a multi-centric study to identify short-term effects of heat, effect modifiers and to study long term exposure effects over a ten year period	Lazio	schifano	patrizia	Biomedical	Population Sciences and Epidemiology	Diseases of environmental origin, with reference also to the workplace
PE-2011-02348353	Early identification of frail individuals in older patients undergoing lung cancer surgery. Identification of a clinical and molecular signature	SAN RAFFAELE PISANA	BONASSI	STEFANO AURELIO	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02348361	Leptin, an adipocyte-derived hormone, as a novel tool for the modulation of the innate and adaptive immune responses in tuberculosis	Istituto Superiore di Sanita'	Palma	carla	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02348366	DNA damage response factors maintain ploidy by organelle-specific functions: role of HIPK2 and histone H2B at the midbody	REGINA ELENA	Soddu	Silvia	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348395	NOVEL APPROACH FOR BONE REGENERATION AND REPAIR USING SULFUR DONOR-BASED THERAPY	RIZZOLI	Grassi	Francesco	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies
PE-2011-02348447	Microbiota as potential target for innovative preventive and therapeutic strategies for food allergy.	Campania	Berni Canani	Roberto	Biomedical	Immunology	Infection and immunity

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02348474	Identification of CLIC1 as a novel plasma biomarker for human Glioblastoma	I.E.O.	Richichi	Cristina	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348485	From personality to molecular mechanisms through neurocognitive phenotypes: a translational study of liability to compulsive drug-seeking	SANTA LUCIA	Cabib	Simona	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348488	DO INHIBITORY NETWORKS SUSTAIN SEIZURE-GENESIS IN FOCAL EPILEPSY?	CARLO BESTA	de Curtis	Marco	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348503	Targeting drug resistance pathways in quiescent cancer stem cells	Istituto Superiore di Sanita'	Pegna Zeuner	Ann	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02348507	Exome sequencing of thymic epithelial tumors	Toscana	Lucchi	Marco	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02348537	Epigenome wide profiling of dysfunctional endothelial progenitor cells in diabetic	MONZINO	Vinci	Maria Cristina	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02348557	Sensitivity and specificity of neuropathological CSF biomarkers and of topographical MRI patterns in detecting Atypical form of Alzheimer's Disease	SAN RAFFAELE PISANA	Marra	Camillo	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348585	Hepatitis B virus, lipoproteins metabolism and immune system interactions: development of new antiviral strategies.	SPALLANZANI	Alonzi	Tonino	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02348594	Pathophysiological role of the renal cachexia mediator Myostatin in acute atherosclerotic diseases	IRCCS AOU San Martino-IST (Genova)	Garibotto	Giacomo	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02348596	Use of polymeric nanoparticles (PLGA-NPs) overcoming the blood-brain barrier to treat the mouse model of Krabbe Disease	BURLO GAROFALO	Severini	Giovanni Maria	Biomedical	Bioengineering Sciences and Technologies	Neurological diseases
PE-2011-02348624	In vitro and in vivo investigation of the origin and function of malignant V617FJAK2 mutated endothelium of the spleen of patients with myelofibrosis.	SAN MATTEO	ROSTI	VITTORIO	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348643	Myocardial Toll-like receptors in human myocarditis.	SAN RAFFAELE PISANA	CHIMENTI	CRISTINA	Clinical	Cardiovascular and Respiratory Sciences	Infection and immunity
PE-2011-02348647	Optimizing cervical cancer screening in Italy: a model-based approach	Piemonte	De Marco	Laura	Biomedical	Healthcare Delivery and Methodologies	Oncology
PE-2011-02348673	UNDERSTANDING EARLY DEFICITS OF NIGRAL DOPAMINERGIC AND STRIATAL NEURONS IN A NOVEL GENETIC RAT MODEL OF PARKINSON'S DISEASE.	SANTA LUCIA	Mercuri	Nicola Biagio	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348678	Hypoxia in neuroblastoma tumors: from the biology to the identification of novel predictors of outcome	GASLINI	Varesio	Luigi	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348679	Development of a personalized medicine of high-risk neuroblastoma and glioblastoma by atomic mass spectrometry-based cytometry	IRCCS AOU San Martino-IST (Genova)	Pagano	Aldo	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02348687	Proteins and genes in Frontotemporal lobar degeneration: novel diagnostic tools and their implication for families	FATEBENEFRAPELLI	Benussi	Luisa	Biomedical	Genes, Genomes and Genetics	Neurological diseases
PE-2011-02348708	Interaction of dormant Mycobacterium tuberculosis with host immune system as a preclinical model to identify new targets of immunointervention against tuberculosis	Istituto Superiore di Sanita'	Mariotti	Sabrina	Biomedical	Infectious Diseases and Microbiology	Infection and immunity

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02348721	Prenatal factors, DNA cord blood genome-wide methylation and respiratory infections, wheezing and asthma from infancy through early childhood.	Istituto Superiore di Sanita'	Stazi	Maria Antonietta	Biomedical	Genes, Genomes and Genetics	Infection and immunity
PE-2011-02348727	Perinatal depression :chronobiology,sleep related risk factor and light therapy	Emilia-Romagna	CIRIGNOTTA	FABIO	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348731	MICROENVIRNOMENT AND CHROMOSOMAL INSTABILITY IN HEPATOCELLULAR CARCINOMA PROGRESSION: EPIGENETIC DETERMINANTS	Toscana	Carloni	Vinicio	Biomedical	Digestive, Kidney and Urological Systems	Oncology
PE-2011-02348736	Identification of NK cell phenotypic, functional and molecular signatures associated with HCV progressive disease, including treatment unresponsiveness, progression to cirrhosis and development of hepatocellular carcinoma	IRCCS AOU San Martino-IST (Genova)	De Maria	Andrea	Biomedical	Immunology	Oncology
PE-2011-02348771	STUDY OF IMMUNO-REGULATION IN NEONATES (SIREN): DEVELOPMENT OF T-REG SUBSETS AND IL-10 PATHWAY IN HEALTHY AND INFECTED NEONATES	OSPEDALE BAMBINO GESU'	Rossi	Paolo	Clinical	Immunology	Infection and immunity
PE-2011-02348795	LONGITUDINAL CHANGES IN MICROARCHITECTURE AND NEURONAL METABOLISM ASSOCIATED WITH PROPRIOCEPTIVE TRAINING TO AMELIORATE BALANCE IN MULTIPLE SCLEROSIS	REGINA ELENA	Prosperini	Luca	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348840	Role of porin B sequence variability in the host immune responses and pathogenesis of Neisseria infections	Istituto Superiore di Sanita'	Stefanelli	Paola	Biomedical	Infectious Diseases and Microbiology	Infection and immunity

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.
PE-2011-02348867	Pancreatic ductal adenocarcinoma (PDAC): development of a new communication platform between radiologists, surgeons and pathologists based on the 3D virtual and physical reconstruction of the tumor mass and the pancreas.	SAN MATTEO	PIETRABISSA ANDREA	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies
PE-2011-02348884	Investigation of determinants of sensitivity/resistance to HER2 targeting agents in HER2 overexpressing breast cancers	Piemonte	Montemurro Filippo	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02348900	Exploring the role of Epstein-Barr virus infection and innate immune signalling pathways in the pathogenesis of myasthenia gravis	CARLO BESTA	Cavalcante Paola	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348918	Female severe pelvic organ prolapse (POP). The role of vaginal hysterectomy and fascial repair versus uterus sparing vaginal repair with mesh. A multicentric controlled, prospective, comparative study	Toscana	Nicita Giulio	Clinical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies
PE-2011-02348919	Hereditary schwannomatosis: identification of new genes and generation of animal models to dissect the interplay of the pathways involved	Toscana	PAPI LAURA	Biomedical	Genes, Genomes and Genetics	Oncology
PE-2011-02348923	Derangement of NF-kB pathway in Parkinson's disease: a comprehensive study in PD brain, iPSC-derived neurons and peripheral blood cells	S.CAMILLO	Spano Pier Franco	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348932	Genomic and proteomic profiling in Traumatic Brain Injury patients	NEUROLESI	Tomasello Francesco	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02348941	Novel multi-scale approach to 3D cancer models for the discovery of new therapeutic strategies for bone metastases	GALEAZZI	de Girolamo	Laura	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02348973	Vascular cognitive decline in Atrial Fibrillation: advanced MRI neuroimaging and in-depth neuropsychological assessment of brain damage.	CARLO BESTA	Boffano	Carlo	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02348974	Re-programming Human Cord and Peripheral Blood Cells to Pluripotency	MULTIMEDICA	Biunno	Ida	Biomedical	Cell Biology	The new biotechnologies
PE-2011-02348988	Chemical displacement of Twist:p53 protein-protein interaction as an innovative cancer therapeutic approach	IRCCS AOU San Martino-IST (Genova)	Rosano	Camillo	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349001	Design, synthesis and evaluation of the biological activity of innovative molecules for the treatment of estrogen-dependent tumors	IRCCS AOU San Martino-IST (Genova)	Ponassi	Marco	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349023	A Novel, Computer-Based Framework for Automatic Classification of Colorectal Lesions Detected by Endoscopy	Sicilia	Granata	Antonino	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349051	Amniotic fluid mesenchymal stromal cells as a source of pluripotent stem cells. Selection of donor-recipient pair to minimize immune system mediated reactions.	IRCCS AOU San Martino-IST (Genova)	Poggi	Alessandro	Biomedical	Immunology	The new biotechnologies
PE-2011-02349055	The ATM-DAXX pathway in DNA damage response and genomic stability	ISTITUTO TUMORI MILANO	Delia	Domenico	Biomedical	Cell Biology	Oncology
PE-2011-02349059	Regulation of Mucosal Barrier Function in Airway Inflammation and Asthma by Zonulin	Campania	Casolaro	Vincenzo	Biomedical	Cardiovascular and Respiratory Sciences	Diseases of environmental origin, with reference also to the workplace

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02349074	Modulation of pharmacogenomic and pharmacodynamic biomarkers of glucose metabolism by metronomic chemotherapy and antiangiogenic drugs in preclinical and clinical settings	Toscana	Bocci	Guido	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349116	Autophagy, regeneration and Duchenne Muscular Dystrophy: role as modulator of disease progression and response to HDAC inhibitors	SANTA LUCIA	Latella	Lucia	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases
PE-2011-02349117	Role of the biological clock in the mechanisms of myocardial stress dependent on non-alcoholic fatty liver disease	CASA SOLLIEVO SOFFERENZA	Mazzoccoli	Gianluigi	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02349132	ROLE OF ROTAVIRUS INFECTION IN THE PATHOGENESIS OF CELIAC DISEASE	Istituto Superiore di Sanita'	Silano	Marco	Biomedical	Digestive, Kidney and Urological Systems	Infection and immunity
PE-2011-02349146	Renovating the HER2 assessment in tissues for improving treatment in patients with breast cancer	Piemonte	Sapino	Anna	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349153	EFFICACY AND SAFETY PROFILE OF A NOVEL GENE THERAPY APPROACH TO DIABETES MELLITUS AND OBESITY. EFFECTS ON METABOLIC PARAMETERS AND ON RELATED CHRONIC COMPLICATIONS OF A SUSTAINED EXENDIN-4 SECRETION THROUGH AN ADENO-ASSOCIATED VIRUS-MEDIATED (AAV) GENE TH	Toscana	Rotella	Carlo Maria	Biomedical	Bioengineering Sciences and Technologies	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02349193	The Efficacy and Population Pharmacokinetics/Pharmacogenomics of a Reduced Dose of Tranexamic Acid for Craniostyostosis Surgery; A Multi Center, Double-blind, RCT.	GASLINI	Mameli	Leila	Clinical	Cardiovascular and Respiratory Sciences	Neurological diseases
PE-2011-02349234	Whole exome sequencing approach to detect new mutations in congenital muscular dystrophies	CARLO BESTA	Saredi	Simona	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases
PE-2011-02349262	A longitudinal and experimental study on muscle synergies in the lower limb in persons with hemiparesis after recent stroke	DON GNOCCHI	Ferrarin	Maurizio	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases
PE-2011-02349355	Plasma/serum microRNAs as biomarkers in colorectal cancer.	REGINA ELENA	Conti	Laura	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349366	Coenzyme Q deficiency as a model of treatable neurodegenerative disease.	Veneto	Salviati	Leonardo	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02349397	NGS TECHNOLOGIES AND microRNAs APPROACH TO UNRAVEL HEREDITARY MULTIPLE OSTEOCHONDROMAS PATHOGENESIS	RIZZOLI	Pedrini	Elena	Biomedical	Genes, Genomes and Genetics	The new biotechnologies
PE-2011-02349411	Development of vaccines to control salmonellosis using attenuated strains with altered metal uptake capability	Istituto Superiore di Sanita'	Pasquali	Paolo	Biomedical	Veterinary	Food safety and animal welfare
PE-2011-02349420	Advanced cell therapy of muscular dystrophy: a tissue engineering based combination approach.	MULTIMEDICA	Gargioli	Cesare	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02349453	Validation of biocompatible nanoparticles as delivery system of antisense oligoribonucleotides for exon-skipping mediated therapies for neuromuscular disorders.	OSPEDALE BAMBINO GESU'	Passarelli	Chiara	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies
PE-2011-02349468	Hyaluronic Acid (HA) as a novel adjuvant for single-dose vaccination and immunoglobulin carrier for post-exposure immunisation in rabies infection.	IZSVE	Cattoli	Giovanni	Biomedical	Immunology	Infection and immunity
PE-2011-02349529	IDENTIFICATION AND VALIDATION OF NEW THERAPEUTIC TARGETS FOR MULTIPLE MYELOMA PATIENTS	Emilia-Romagna	GIULIANI	NICOLA	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02349554	Optoelectronic retinal prosthesis: the astrocyte approach to visual restoration	Toscana	giansanti	fabrizio	Biomedical	Emerging Technologies and Training in Neurosciences	Neurological diseases
PE-2011-02349685	Novel molecular targets of mutant p53 for selective anticancer therapeutic intervention	IRCCS AOU San Martino-IST (Genova)	Fronza	Gilberto	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02349784	UNRAVELING MECHANISMS UNDERLYING THE RECOVERY OF WALKING ABILITY IN STROKE SURVIVORS	Emilia-Romagna	Manfredini	Fabio	Clinical	Emerging Technologies and Training in Neurosciences	Neurological diseases
PE-2011-02349803	ROLE OF LXRB/ β -CATENIN AXIS IN REGULATING MACROPHAGE-DRIVEN INFLAMMATION IN FIBROCYSTIN-DEFECTIVE LIVER DISEASES	Veneto	Fabris	Luca	Biomedical	Cell Biology	Infection and immunity
PE-2011-02349815	Clinical, biological, and molecular effects of electromagnetic fields on the microRNAs expression profiles in the pathogenesis of Alzheimer's disease	SAN MATTEO	DE AMICI	MARA	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02349832	Molecular dissection of the mechanism at the basis of HCV-mediated liver chronic inflammation and IFNa-based HCV-treatment failure	SPALLANZANI	Corazzari	Marco	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02349856	Surveillance of individuals at high-risk of developing pancreatic cancer	Lazio	DELLE FAVE	GIANFRANCO	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02349884	Role of Human Papilloma virus infection in head and neck cancer.	I.E.O.	CHIOCCA	SUSANNA	Biomedical	Infectious Diseases and Microbiology	Oncology
PE-2011-02349900	CHOLESTEROL ESTERIFICATION, COGNITIVE FUNCTION, AND MENTAL ILLNESS: A LESSON FROM GENETIC LCAT DEFICIENCY	Lombardia	CALABRESI	LAURA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02349904	Understanding and treating impairment in automatic movements execution in Parkinson's disease.	DON GNOCCHI	Alberoni	Margherita	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02349923	Validation of new selective histaminergic H4 receptor ligands in autoimmune and inflammatory neuropathologies such as multiple sclerosis and stroke.	Toscana	MASINI	EMANUELE	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02349927	Understanding and treating impairment in automatic movements execution in Parkinson's disease	IRCCS AOU San Martino-IST (Genova)	Marinelli	Lucio	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02349951	Novel mechanisms of immune-regulation mediated by T regulatory cells	SAN RAFFAELE MILANO	Battaglia	Manuela	Biomedical	Immunology	Infection and immunity
PE-2011-02350039	UNLOAD: Untangling the role of cell senescence in a murine model of late-onset Alzheimer Disease	I.N.R.C.A.	Malavolta	Marco	Biomedical	Biology of Development and Aging	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02350100	ROLE OF THE DNAM-1/PVR PATHWAY IN THE PATHOGENESIS OF HIV-1 INFECTION	OSPEDALE BAMBINO GESU'	Doria	Margherita	Clinical	AIDS and Related Research	Infection and immunity
PE-2011-02350120	Starting to Know Cancer: environmental pollution exposure and biological tumor assessment associated with the onset of breast, bowel and lung cancer in the south of Regione Lombardia	Lombardia	Generali	Daniele	Clinical	Population Sciences and Epidemiology	Oncology
PE-2011-02350135	The gastric submucosal space (GSMS) and the lymph nodes (LN) as novel sites for islet allotransplantation using clinically-applicable immunosuppression	Sicilia	Veroux	Massimiliano	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02350147	Role of the immunological impairment in progression from MGUS to Multiple Myeloma	Sicilia	DI RAIMONDO	FRANCESCO	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02350162	Regenerative Surgery for maxillary bones	Campania	Cortese	Antonio	Clinical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies
PE-2011-02350166	Role of transcription factor Nrf2 in innate and adaptive immune responses in pediatric respiratory viral infections	MAGGIORE	Esposito	Susanna	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02350177	CLINICAL AND GENETIC CHARACTERIZATION OF EARLY COMPLICATIONS IN JUVENILE OBESITY	OSPEDALE BAMBINO GESU'	Cappa	Marco	Clinical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02350184	Metabolic, Anatomical and Connectivity subtyping of behavioral variant Frontotemporal Degeneration	IRCCS AOU San Martino-IST (Genova)	Nobili	Flavio Mariano	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02350284	Search for new genes and new therapies for Neonatal Diabetes Mellitus (NDM) and Hyperinsulinism and Hypoglycemia (HH)	OSPEDALE BAMBINO GESU'	Barbetti	Fabrizio	Clinical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02350310	Graft function amelioration of organs from non heart beating donors by ex vivo perfusion with the new oxygen carrier Hemarina-M101 (HEMO ₂ Life®).	SAN MATTEO	PELLEGRINI	CARLO	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies
PE-2011-02350317	Enteric glial cells: at the crossroads of obesity, gastrointestinal neurodysfunction and gut bacterial endotoxins	MEDEA	Brun	Paola	Biomedical	Digestive, Kidney and Urological Systems	Metabolism disorders and cardiovascular disease
PE-2011-02350329	Targeted gene correction of human Induced Pluripotent Stem Cells (iPSCs) for advanced therapy of para haemophilia (severe factor V deficiency).	Veneto	Simioni	Paolo	Biomedical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease
PE-2011-02350361	Exploiting the Nampt addiction in Multiple Myeloma as innovative approach for overcoming chemotherapy resistance	IRCCS AOU San Martino-IST (Genova)	Gobbi	Marco	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02350367	Role of platelet activation in inflammatory bowel disease and intestinal tumorigenesis	Lazio	Armuzzi	Alessandro	Biomedical	Digestive, Kidney and Urological Systems	Oncology
PE-2011-02350375	ONCOEPILEPSY: A NEW TRASLATIONAL STUDY AND APPROACH: FROM CELLS TO HUMAN FOR A NEW TAILORED THERAPY	REGINA ELENA	Maschio	Marta	Biomedical	Brain Disorders and Clinical Neuroscience	Oncology
PE-2011-02350384	Expression and Proteomic analyses in Cutaneous T Cell Lymphomas	ISTITUTO DERMOPATICO DELL'IMMACOLATA	Narducci	Maria Grazia	Biomedical	Oncology 1 - Basic Translational	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02350410	Sensory prediction in cerebro-cerebellar loops for motor control: implications for neuro-rehabilitation in cerebellar ataxia	MONDINO	D'Angelo	Egidio	Biomedical	Integrative, Functional, and Cognitive Neuroscience	Neurological diseases
PE-2011-02350413	Establishing and linking cognitive and disease and functional outcomes in the InCHIANTI study through physicians interview and consultation of medical record.	I.N.R.C.A.	Cherubini	Antonio	Biomedical	Biology of Development and Aging	Neurological diseases
PE-2011-02350513	Immunogenetics of fungal infections : a system biology approach for discovery and therapy	Umbria	ROMANI	LUIGINA	Biomedical	Immunology	Infection and immunity
PE-2011-02350529	Assessment and practical implementation of the new 2011 GOLD guidelines for COPD (APIGOLD project)	Umbria	Murgia	Nicola	Clinical	Population Sciences and Epidemiology	Diseases of environmental origin, with reference also to the workplace
PE-2011-02350533	Gorlin Syndrome (GS) in Infants Medulloblastoma: a prospective clinical, pathological and genetic study of Italian cases treated according to SIOP YC MB trials.	GASLINI	Garre'	Maria Luisa	Clinical	Brain Disorders and Clinical Neuroscience	Oncology
PE-2011-02350560	Study of novel strategies to prevent and overcome resistance to EGFR tyrosine kinase inhibitors in patients with NSCLC carrying EGFR activating mutation.	Emilia-Romagna	Ardizzoni	Andrea	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02350563	Analysis of blood dendritic cells in Alzheimer's disease patients	SANTA LUCIA	Ciamarella	Antonio	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02350574	Role of newly disclosed V α 1 T cells expressing Natural Cytotoxicity Receptors in the homeostasis of gut associated lymphoid tissue and in the physiopathology of inflammatory bowel diseases and colon-rectal cancer.	HUMANITAS	MAVILIO	DOMENICO	Biomedical	Immunology	Infection and immunity
PE-2011-02350622	LL37 as a novel autoantigen in autoimmunity: a study in psoriasis and related spondyloarthropathies as base for therapeutic immune-pharmacological intervention	Istituto Superiore di Sanita'	Frasca	Loredana	Biomedical	Immunology	Infection and immunity
PE-2011-02350643	Potential role of viral and bacterial infectious agents in the etiopathogenesis of serouscarcinoma of the female genitalia (endometrium, fallopian tube and ovary) and primaryperitoneal cancer (SCFG).	ISTITUTO TUMORI MILANO	Raspagliesi	Francesco	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02350646	NEUROBIOLOGICAL CORRELATES OF COGNITIVE DYSFUNCTIONS IN MOOD DISORDERS: A MULTIMODAL IMAGING STUDY	Toscana	Dell'Osso	Liliana	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02350655	Identification of diagnostic and prognostic miRNA expression signature in HG-PIN and development of therapeutic miRNAs to prevent prostate cancer progression.	Liguria	maffezzini	massimo	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02350668	Characterization and function of human neonatal Cardiac Progenitor Cells, grown as 3D Cardiospheres, as a powerful biotechnological tool for autologous/eterologous cardiac cell therapy.	Lazio	Messina	Elisa	Biomedical	Cardiovascular and Respiratory Sciences	The new biotechnologies

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02350702	Nutritional Influence on maternal diabetes-induced epigenetic modification in vascular cells.	Sardegna	CAPOBIANCO	GIAMPIERO	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02350766	On the role of soluble A β in inducing autophagy	IRCCS AOU San Martino-IST (Genova)	Odetti	Patrizio	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases
PE-2011-02350777	Discovery of novel genetic and proteomic biomarkers predictive of chronic, clinically significant oxaliplatin-induced peripheral neuropathy in colorectal cancer patients by innovative biotechnologies	Toscana	Mini	Enrico	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02350785	Alzheimer's Disease: a new approach to limb apraxia treatment	FATEBENEFRAPELLI	Manenti	Rosa	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02350833	Clinical impact of accurate patient specific three-dimensional treatment planning in molecular radiotherapy	REGINA ELENA	Strigari	Lidia	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02350837	Computational tools shared on the net for the Quality Assurance of Intensity Modulated Arc Therapy	REGINA ELENA	iaccarino	giuseppe	Clinical	Healthcare Delivery and Methodologies	Oncology
PE-2011-02350932	MODULATION of T REGULATORY CELLS IN ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION by T CELL-SPECIFIC POLYCLONAL ANTIBODIES.	Emilia-Romagna	Arpinati	Mario	Biomedical	Immunology	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02350945	Gut mucosal dysfunction in HIV pathogenesis and effect of Anti-Retroviral Therapy: a longitudinal patient evaluation for immunological, histological, virological, pharmacological and clinical aspects.	Istituto Superiore di Sanita'	Andreotti	Mauro	Biomedical	AIDS and Related Research	Infection and immunity
PE-2011-02350949	The role of B cells in Graft-versus-Host Disease after allogeneic hemopoietic cell transplantation	Provincia autonoma Bolzano	deola	sara	Biomedical	Immunology	Oncology
PE-2011-02350966	Aldosterone effects on atherosclerotic plaque destabilization in coronary artery disease patients.	Veneto	maiolino	giuseppe	Clinical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02350988	Prospective, Randomized, Multi-Center Trial of Lateral Trendelenburg versus Semi-Recumbent Body Position in Mechanically Ventilated Patients For The Prevention of Ventilator-Associated Pneumonia	MAGGIORE	Panigada	Mauro	Clinical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02351020	ELDER-LINK: evaluation of the influence of cardiovascular and psychotropic drugs on major cardiovascular outcomes, dementia and death in an elderly population using French administrative databases.	NEUROLESI	Polimeni	Giovanni	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02351042	Whole-exome approach to identify the gene responsible for a novel condition associating severe mental retardation with skeletal dysplasia (SEMD-Mental Retardation)	ARCISPEDALE	garavelli	livia	Biomedical	Genes, Genomes and Genetics	Neurological diseases
PE-2011-02351050	Tumor ER stress and regulatory T cell polarization: new targets for combinatorial immunotherapy of cancer	IRCCS AOU San Martino-IST (Genova)	Ferrini	Silvano	Biomedical	Immunology	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02351060	Enhancement of bone fracture repair in a mouse model using controlled delivery of novel small molecules	SDN	Pastore	Lucio	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies
PE-2011-02351063	Application of cellular and animal models to study the pathogenesis and possible therapeutic approaches for PKAN and MPAN, two monogenic neurodegenerative disorders with brain iron accumulation.	Lombardia	FINAZZI	DARIO	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases
PE-2011-02351134	Effects of direct current stimulation on brain plasticity in animals and humans and possible role as adjuvant treatment in stroke rehabilitation.	Lazio	Di Lazzaro	Vincenzo	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02351163	Modulation of the inflammation effects on 3D microstructure organization of the vessel wall in atherosclerosis	SAN RAFFAELE MILANO	Foglieni	Chiara	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease
PE-2011-02351190	Local and cerebral effect of carotid artery plaque inflammation	Sardegna	Saba	Luca	Clinical	Vascular and Hematology	Neurological diseases
PE-2011-02351244	Clinical evaluation of endoscopic skull base surgery: prospective, multicentre evaluation of patients' outcome and quality of life	Lombardia	Bolzoni Villaret	Andrea	Clinical	Emerging Technologies and Training in Neurosciences	Oncology
PE-2011-02351248	Clinical impact of Lung-MRI in the management of Cystic Fibrosis patients with suspected pulmonary infection	Veneto	Morana	Giovanni	Clinical	Cardiovascular and Respiratory Sciences	Infection and immunity
PE-2011-02351255	Novel strategies for tackling obesity epidemics by targeting the resting energy expenditure (EE)	AUXOLOGICO	Bonomi	Marco	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02351281	Quantitative gait analysis in older adults with Alzheimers disease and mild cognitive impairment: pathophysiological meaning and possible clinical applications	Toscana	Mossello	Enrico	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02351298	Study of breast cancer progression, metastasis initiation and response to therapy on three dimensional biomimetic scaffolds	Istituto Scientifico Romagnolo	ibrahim	toni	Biomedical	Bioengineering Sciences and Technologies	Oncology
PE-2011-02351312	Molecular mechanisms and potential new markers for prostate cancer risk and progression	ARCISPEDALE	Albini	Adriana	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02351325	A Novel Method for Diagnosing Vasovagal Syncope in Children	OSPEDALE BAMBINO GESU'	SILVETTI	MASSIMO STEFANO	Clinical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02351393	Urinary proteomics and tissue genomic profiling for a novel combined approach to renal cancer.	Lombardia	Grasso	Marco	Biomedical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02351434	Agonist activity of type 3 muscarinic receptor auto-antibodies (M3-aabs) in patients with Sjögrens Syndrome: effects on salivary gland function	Piemonte	Broccoletti	Roberto	Clinical	Immunology	Infection and immunity
PE-2011-02351452	Paraganglioma syndrome associated with succinate dehydrogenase defects: toward the discovery of biomarkers and novel pharmacological therapies	I. O. V.	Opocher	Giuseppe	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02351607	Functional microRNA screening to unravel key microRNA in pancreatic cancer chemoresistance	Toscana	Boggi	Ugo	Clinical	Oncology 2 - Translational Clinical	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02351679	Understanding Abiraterone and Enzalutamide resistance in recurrent prostate cancer.	Toscana	Mariani	Giuliano	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02351681	Emerging respiratory viruses: monitoring of coronavirus infections at the human-animal interface	Istituto Superiore di Sanita'	Donatelli	Isabella	Biomedical	Infectious Diseases and Microbiology	Infection and immunity
PE-2011-02351692	DOPAMINERGIC MODULATION OF TONIC GABAA INHIBITION: PATHOPHYSIOLOGICAL AND THERAPEUTIC IMPLICATIONS FOR ABSENCE SEIZURES	NEUROMED	Ngomba	Richard Teke	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02351713	Mechanisms and Biomarkers of Altered DNA Methylation in Sporadic and Hereditary Colorectal Cancer	REGINA ELENA	Anti	Marcello	Clinical	Genes, Genomes and Genetics	Oncology
PE-2011-02351716	MicroRNA-mediated CSPG4 silencing for the treatment of melanoma	Istituto Scientifico Romagnolo	Fabbri	Muller	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02351771	Investigations on the multifaceted role of Enhancer of Zeste 2 (EZH2) in glioblastoma biology	CARLO BESTA	Pellegatta	Serena	Biomedical	Oncology 1 - Basic Translational	Oncology
PE-2011-02351773	IMPROVING THE TRANSITION FROM CHILD TO ADULT MENTAL HEALTH CARE: A CLUSTER RANDOMIZED TRIAL	FATEBENEFRAPELLI	Rossi	Giuseppe	Clinical	Healthcare Delivery and Methodologies	Neurological diseases
PE-2011-02351824	Bioengineering of TAVI	Istituto Superiore di Sanita'	DANIELE	CARLA	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02351849	The role of bodily ownership on recognition of emotions in Parkinson's disease	MAUGERI	Frassinetti	Francesca	Clinical	Integrative, Functional, and Cognitive Neuroscience	Neurological diseases
PE-2011-02351866	Exploiting endoplasmic reticulum aminopeptidases modulation for innovative strategies of anticancer immunotherapy	OSPEDALE BAMBINO GESU'	Fruci	Doriana	Biomedical	Immunology	Oncology
PE-2011-02351898	Modulation of the startle response in REM Sleep Behavior Disorder	Sardegna	PULIGHEDDU	MONICA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02351899	Immunological tools for the Prevention of HCV recurrence in liver transplantation	Sicilia	Badami	Ester	Biomedical	Immunology	Infection and immunity
PE-2011-02351914	A PROSPECTIVE OBSERVATIONAL STUDY IN ELDERLY PATIENTS WITH DELIRIUM SUPERIMPOSED ON DEMENTIA	FATEBENEFRAPELLI	Morandi	Alessandro	Clinical	Biology of Development and Aging	Neurological diseases
PE-2011-02351916	Chronic immune activation in systemic autoimmune diseases and chronic viral infections	Lazio	barnaba	vincenzo	Biomedical	Immunology	Infection and immunity
PE-2011-02351957	Development and validation of an innovative organomorphic scaffold to treat non-union /pseudoarthrosis lesions of long bones	RIZZOLI	Nicoli Aldini	Nicolo'	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies
PE-2011-02351971	Cerebellar role in the genesis of Impulse Control Disorders	SANTA LUCIA	Leggio	Maria Giuseppa	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02352080	Functional dissection of virus-cell interactions involved in human T-cell leukemia virus type 1 (HTLV-1)-driven leukemogenesis	I. O. V.	Ciminale	Vincenzo	Biomedical	Oncology 1 - Basic Translational	Oncology

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.		AREA	Classificazione	Area Strategica.
PE-2011-02352145	Assessing neuromuscular mechanisms in post-stroke patients for advanced rehabilitation methodologies	S.CAMILLO	Agostini	Michela	Clinical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases
PE-2011-02352173	EFFECTIVENES OF EXPOSURE TO SHORT WAVELENGTH LIGHT ON RECOVERY DRIVING ABILITY FOLLOWING A MILD TRAUMATIC BRAIN INJURY (mTBI)	SAN RAFFAELE PISANA	De Gennaro	Luigi	Biomedical	Integrative, Functional, and Cognitive Neuroscience	Neurological diseases
PE-2011-02352222	Assessment of the diagnostic value of novel transcriptomic and proteomic biomarkers within salivary exosomes for the early non-invasive diagnosis of primary Sjögren's syndrome	Toscana	Baldini	Chiara	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies
PE-2011-02352266	Hematopoietic stem cell transplantation for malignant forms of Multiple Sclerosis.	Toscana	riccardo	saccardi	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02352286	Tipping the balance between adaptive/maladaptive endoplasmic reticulum stress responses	SAN RAFFAELE MILANO	Sitia	Roberto	Biomedical	Cell Biology	The new biotechnologies
PE-2011-02352342	A neurophenomic approach for the study of gene x environment interactions in animal models of pathological aggression	SANTA LUCIA	Urbani	Andrea	Biomedical	Biobehavioral and Behavioral Processes	Neurological diseases
PE-2011-02352347	PPARgamma receptors as a treatment target for opioid addiction. Focus on Pioglitazone repurposing.	Piemonte	SOMAINI	LORENZO	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases
PE-2011-02352375	Hormonal changes and impaired spermatogenesis in young males with different levels of spinal cord injury: a longitudinal study	MAUGERI	Chiovato	Luca	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Neurological diseases

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	P.I.	AREA	Classificazione	Area Strategica.	
PE-2011-02352491	The evaluation of viral and bacterial colonization and infection in patients with non-cystic fibrosis bronchiectasis	Lombardia	Aliberti	Stefano	Biomedical	Cardiovascular and Respiratory Sciences	Infection and immunity
PE-2011-02352492	Sarcopenia and Myosteatorsis Investigation in Metabolic and Endocrine Disorders (SMIMED)	Piemonte	Ghigo	Ezio	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease
PE-2011-02352572	Influence of Insulin Resistance on plaque development in patients affected by cardiovascular disease	SAN RAFFAELE MILANO	Monti	Lucilla	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease
PE-2011-02352580	Characterization of tumor-initiating cells, metabolomic signatures and inflammation/apoptotic signals during the evolution of the esophagitis - Barrett's esophagus - esophageal adenocarcinoma sequence	Toscana	Bechi	Paolo	Clinical	Oncology 2 - Translational Clinical	Oncology
PE-2011-02352678	Mucosal innate immune response markers for the prediction of gluten-induced intestinal damage in celiac disease.	BURLO GAROFALO	Not	Tarcisio	Clinical	Immunology	Infection and immunity
PE-2011-02352687	Air pollution, Epigenomic Arterial Signatures, and Post Heart-Surgery Risk of Cardiovascular Events.	MAGGIORE	Bertazzi	Pietro Alberto	Biomedical	Genes, Genomes and Genetics	Diseases of environmental origin, with reference also to the workplace
PE-2011-02352704	Role of Mesenchymal stem cell derived microvesicles and of miRNA network in beta cell function and in epigenetic reprogramming	Piemonte	FAVARO	ENRICA	Biomedical	Immunology	Infection and immunity