

Graduatoria SG Bando RF2021

Rank	MDC	Codice progetto	Research type	Destinatario Istituzionale	Title	Valid Score	Budget richiesto	Finanziamento residuo
1	Psichiatria	SG-2021-12375585	Theory-enhancing	MAGGIORE	Learning the GxE determinants of psychopathological risk dimensions during neurodevelopment: a longitudinal twin study (LearningTwin - LT)	<b>6,50</b>	130.000,00 €	5.266.986,36 €
2	Ortopedia	SG-2021-12373011	Theory-enhancing	RIZZOLI	Novel multifunctional nano-coated 3D printed scaffolds for the treatment of bone defects	<b>7,00</b>	130.000,00 €	5.136.986,36 €
3	Neurologia E Psichiatria	SG-2021-12374454	Theory-enhancing	CARLO BESTA	LHON's engineered hiPSCs using CRISPR/Cas9 technology to create a fluorescent retinal reporter: travel through the optic nerve	<b>7,75</b>	130.000,00 €	5.006.986,36 €
4	Neurologia E Psichiatria	SG-2021-12373074	Theory-enhancing	CARLO BESTA	Splicing impact in the diagnosis of the Early Infantile Epileptic Encephalopathy: identification and validation of potentially splice disrupting variants.	<b>7,75</b>	130.000,00 €	NO FINANZIATO
5	Neurologia E Psichiatria	SG-2021-12372932	Theory-enhancing	CARLO BESTA	Innovative sequencing approaches to unravel the complex architecture of long expanded repeats associated with neurodegenerative disorders	<b>8,00</b>	130.000,00 €	NO FINANZIATO

6	Neurologia E Psichiatria	SG-2021-12375569	Theory-enhancing	GASLINI	A functional platform for MCT8 variants characterization and drug repositioning	<b>8,00</b>	130.000,00 €	4.876.986,36 €
7	Neurologia E Psichiatria	SG-2021-12373240	Theory-enhancing	Istituto Superiore di Sanita'	Caenorhabditis elegans as a 3R-compliant model for infantile neurological disorders: dissecting the molecular mechanisms and searching for therapeutic targets	<b>8,00</b>	130.000,00 €	4.746.986,36 €
8	Ematologia e Immunologia	SG-2021-12374529	Theory-enhancing	SAN RAFFAELE MILANO	Innovative targeted base editing strategies for the treatment of WHIM syndrome	<b>8,00</b>	130.000,00 €	4.616.986,36 €
9	Neurologia E Psichiatria	SG-2021-12374776	Theory-enhancing	SAN RAFFAELE MILANO	Isolated Rapid Eye Movement Sleep Behavior Disorder: an EEG study of the relation between K-complexes and insurgence of Synucleinopathies	<b>8,00</b>	130.000,00 €	NO FINANZIATO
10	Cardiologia-Pneumologia	SG-2021-12375255	Theory-enhancing	SAN MATTEO	New therapeutic approaches to pulmonary arterial hypertension	<b>8,50</b>	129.700,00 €	4.487.286,36 €
11	Oncologia	SG-2021-12375084	Theory-enhancing	I.O.V.	Deciphering spatially and phenotypically the tumor immune landscape of non-metastatic triple negative breast cancer to improve prognostic models for patient risk stratification	<b>9,00</b>	130.000,00 €	4.357.286,36 €

12	Oncologia	SG-2021-12375561	Theory-enhancing	SANT'ORSOLA	Targeting Anaplastic Lymphoma Kinase in Consensus Molecular Subtype 1 Colorectal Cancer	<b>9,00</b>	130.000,00 €	4.227.286,36 €
13	Veterinaria	SG-2021-12375555	Theory-enhancing	IZSPLV	Equine Papillomavirus as a model for humans: characterization of associated lesions and tumor immune microenvironment (TIME)	<b>9,00</b>	130.000,00 €	4.097.286,36 €
14	Neurologia E Psichiatria	SG-2021-12375227	Change-promoting	Emilia-Romagna	Driving associative plasticity in premotor-motor cortical network to enhance network functioning and promote motor control in healthy individuals and stroke patients.	<b>9,00</b>	130.000,00 €	3.967.286,36 €
15	Pediatria	SG-2021-12373089	Change-promoting	Campania	Butyrate Against Pediatric Obesity (BAPO) study	<b>9,50</b>	130.000,00 €	3.837.286,36 €
16	Cardiologia-Pneumologia	SG-2021-12375525	Theory-enhancing	Piemonte	Assessment of central and peripheral venous stiffness for the non-invasive evaluation of volume status	<b>9,50</b>	130.000,00 €	3.707.286,36 €
17	Malattie Infettive	SG-2021-12372765	Theory-enhancing	Istituto Superiore di Sanita'	An integrase defective lentiviral vector platform for in vivo delivery of antibodies targeting CCR5 and CCR2: a new weapon in the battle against HIV	<b>9,50</b>	130.000,00 €	NO FINANZIATO

18	Oncologia	SG-2021-12372547	Theory-enhancing	CASA SOLLIEVO SOFFERENZA	Developing a circulating miRNA signatures for the early identification of a novel lung adenocarcinoma molecular subtype.	<b>9,50</b>	130.000,00 €	3.577.286,36 €
19	Neurologia E Psichiatria	SG-2021-12373755	Theory-enhancing	CARLO BESTA	DIMM: Digital innovation in diagnosis and treatment of linguistic deficits: effectiveness of an Interactive, Multimodal, and Multisensory platform	<b>9,50</b>	130.000,00 €	NO FINANZIATO
20	Oncologia	SG-2021-12374399	Theory-enhancing	Toscana	Augmented Reality Head-Mounted Displays for Ultrasound-Guided Procedures in Oncologic Surgery	<b>10,00</b>	130.000,00 €	3.447.286,36 €
21	Malattie Infettive	SG-2021-12374649	Change-promoting	IZSVE	Mammalian Orthoreovirus (MRV): in-deep study of a One Health strategy to counter the emerging risk of animal-human spillover and transmission	<b>10,00</b>	130.000,00 €	3.317.286,36 €
22	Neurologia E Psichiatria	SG-2021-12373714	Theory-enhancing	OSPEDALE BAMBINO GESU'	Understanding mechanisms of neurodegeneration in Riboflavin Transporter Deficiency (RTD): development of innovative approaches to rescue the diseased RTD neural phenotypes using astrocyte-derived exosomes in neuron-astrocyte co-cultures	<b>10,00</b>	129.900,00 €	3.187.386,36 €
23	Neurologia E Psichiatria	SG-2021-12374430	Theory-enhancing	MONDINO	Modeling subject-specific Excitatory/inhibitory balance to predict Mild cognitive impairment progression (MEMENTO)	<b>10,00</b>	130.000,00 €	3.057.386,36 €

24	Neurologia E Psichiatria	SG-2021-12373602	Theory-enhancing	OSPEDALE BAMBINO GESU'	Generation and characterization of iPSC-derived neurons and brain organoids to model RATARS (OMIM: 619312): towards the design of possible therapeutic strategy	<b>10,00</b>	130.000,00 €	NO FINANZIATO
25	Ematologia e Immunologia	SG-2021-12375340	Theory-enhancing	CASA SOLLIEVO SOFFERENZA	Characterization of antigen-specific B cell landscape and antibody selection in highly and lowly responsive subjects to seasonal flu vaccine by high-throughput single-cell profiling	<b>10,50</b>	130.000,00 €	NO FINANZIATO
26	Cardiologia-Pneumologia	SG-2021-12373583	Change-promoting	Toscana	Multimodality imaging for the detection of cardiotoxicity in cancer patients treated with immune checkpoint inhibitors	<b>10,50</b>	125.000,00 €	2.932.386,36 €
27	Veterinaria	SG-2021-12375470	Change-promoting	IZSAM	DEvelopment of an optimised Antimicrobial Resistance Monitoring strategy for wastewaters -Acronym- DeARM-WATER	<b>10,50</b>	130.000,00 €	2.802.386,36 €
28	Neurologia E Psichiatria	SG-2021-12373801	Change-promoting	Istituto Superiore di Sanita'	FRAILMARKER: the possible role of Frailty Index as a novel marker of Alzheimer's Disease	<b>10,50</b>	130.000,00 €	NO
29	Veterinaria	SG-2021-12375588	Change-promoting	IZSLER	Closing the circle: environmental detection of hepatitis E virus	<b>10,50</b>	130.000,00 €	2.672.386,36 €

30	Cardiologia-Pneumologia	SG-2021-12372603	Theory-enhancing	MONZINO	Sex-dependent investigation of molecular pathways involved in calcific aortic valve stenosis	<b>10,50</b>	130.000,00 €	2.542.386,36 €
31	Psichiatria	SG-2021-12375602	Change-promoting	Calabria	stimEAT: modulating the neural activity via Non-Invasive Brain Stimulation to prevent and treat eating behavior dysregulation in adolescents.	<b>10,50</b>	130.000,00 €	2.412.386,36 €
32	Veterinaria	SG-2021-12375589	Change-promoting	IZSLER	Hidden links: investigating HEV neglected carriers	<b>11,00</b>	130.000,00 €	NO FINANZIATO
33	Neurologia E Psichiatria	SG-2021-12373471	Theory-enhancing	CARLO BESTA	MALDI imaging mass spectrometry for molecular histology in epilepsy surgery	<b>11,00</b>	130.000,00 €	NO FINANZIATO
34	Diagnostica	SG-2021-12375551	Theory-enhancing	SAN RAFFAELE PISANA	Employment of natural killer opioid receptor as a biomarker to ameliorate the efficacy of the rehabilitation program in a patient-oriented strategy	<b>11,00</b>	130.000,00 €	2.282.386,36 €
35	Pediatria	SG-2021-12375381	Theory-enhancing	OSPEDALE BAMBINO GESU'	Characterization and therapeutic options of patients with primary immunodeficiency and cytoskeletal defects	<b>11,00</b>	130.000,00 €	NO

36	Oncologia	SG-2021-12373220	Theory-enhancing	Toscana	Development of tumor-specific personalized therapy based on suicide gene delivery through CRISPR genome editing	<b>11,00</b>	130.000,00 €	2.152.386,36 €
37	Endocrinologia	SG-2021-12372752	Theory-enhancing	MULTIMEDICA	Effects of variable degrees of time in range on endothelial cells and macrophage inflammation	<b>11,00</b>	130.000,00 €	2.022.386,36 €
38	Psichiatria	SG-2021-12372353	Theory-enhancing	Istituto Superiore di Sanita'	ALBA "Derangement of the insulin/IGF signaling in mAternal obesity: exploiting earLy amniotic fluid-derived Biomarkers of risk for mentAl disorders in the offspring"	<b>11,00</b>	129.308,00 €	NO FINANZIATO
39	Oncologia	SG-2021-12373054	Theory-enhancing	RIZZOLI	A novel drug screening fluidic platform for precise treatment of musculoskeletal sarcoma	<b>11,00</b>	130.000,00 €	NO FINANZIATO
40	Oncologia	SG-2021-12373520	Change-promoting	OSPEDALE BAMBINO GESU'	Modulation of ROCK kinase as a new therapeutic strategy to inhibit DMG dissemination	<b>11,00</b>	130.000,00 €	NO FINANZIATO
41	Oncologia	SG-2021-12375236	Theory-enhancing	C.R.O. AVIANO	Restoring vascular stability to halt blood-borne metastatic dissemination	<b>12,00</b>	130.000,00 €	1.892.386,36 €

42	Ematologia e Immunologia	SG-2021-12374739	Theory-enhancing	HUMANITAS	The prognostic and predictive value of myeloid-derived suppressor cells quantification in the bone marrow of patients with myeloid malignancies.	<b>12,00</b>	130.000,00 €	1.762.386,36 €
43	Pediatria	SG-2021-12375604	Theory-enhancing	GASLINI	Genetic factors implicated in Hirschsprung Associated Enterocolitis and possible association with Inflammatory Bowel Disease	<b>12,00</b>	130.000,00 €	NO FINANZIATO
44	Gastroenterologia	SG-2021-12375581	Theory-enhancing	Istituto Superiore di Sanita'	Potential impact on human health of Copper hydroxide nanopesticide using a new approach methodology (NAM)	<b>12,00</b>	130.000,00 €	NO FINANZIATO
45	Neurologia E Psichiatria	SG-2021-12373952	Theory-enhancing	SAN RAFFAELE MILANO	The role of the ATF6 branch of the UPR in CMT1B neuropathy and its pharmacologic activation for therapeutic intervention	<b>12,00</b>	130.000,00 €	NO FINANZIATO
46	Neurologia E Psichiatria	SG-2021-12373658	Theory-enhancing	CARLO BESTA	A new feasible Neuropsychological Assessment Tool for patients Emerging from Minimally Conscious State - NATEM	<b>12,00</b>	130.000,00 €	NO FINANZIATO
47	Endocrinologia	SG-2021-12375545	Theory-enhancing	AUXOLOGICO	Improving diagnosis of Silver-Russell syndrome: a new in vitro model of urine-derived stem cells to detect epigenetic deregulations at low-grade mosaicism and functionally validate novel pathogenic variants	<b>12,00</b>	130.000,00 €	1.632.386,36 €



48	Neurologia E Psichiatria	SG-2021-12372926	Theory-enhancing	CARLO BESTA	An iPSC-derived 3D model for exploring the role of lncRNAs in Amyotrophic Lateral Sclerosis: towards the identification of new pathogenic mechanisms and treatment avenues.	<b>12,00</b>	130.000,00 €	NO FINANZIATO
49	Oncologia	SG-2021-12375616	Theory-enhancing	HUMANITAS	Elucidate the role of specific metabolites produced by tumor isolated bacteria on CRC onset and GVB impairment	<b>12,00</b>	130.000,00 €	NO FINANZIATO
50	Neurologia E Psichiatria	SG-2021-12375577	Theory-enhancing	MARIO NEGRI	MICROGLIA-ASTROCYTE INTERACTION IN SPINAL CORD INJURY	<b>12,00</b>	130.000,00 €	1.502.386,36 €
51	Neurologia E Psichiatria	SG-2021-12375558	Change-promoting	AUXOLOGICO	Telephone-based Cognitive Screening in Neurological disorders (TeXNe): clinical usability and prognostic value	<b>12,50</b>	130.000,00 €	NO FINANZIATO
52	Oncologia	SG-2021-12374734	Theory-enhancing	I.O.V.	Exploring the impact of mtDNA mutations on ovarian cancer metabolism and mechanisms of resistance following anti-VEGF therapy in OC	<b>12,50</b>	130.000,00 €	NO FINANZIATO
53	Geriatrics	SG-2021-12372949	Theory-enhancing	I.N.R.C.A.	Circulating biomarkers of Inflammation, Immunosenescence and Infection for mortality risk of hospitalized geriatric patients in COVID-19 era: TRIPLE-I project	<b>12,50</b>	130.000,00 €	1.372.386,36 €

54	Oncologia	SG-2021-12373911	Theory-enhancing	Emilia-Romagna	Exploring the Src-dependent anoikis in cancer progression	<b>12,50</b>	130.000,00 €	1.242.386,36 €
55	Diagnostica	SG-2021-12373020	Theory-enhancing	Emilia-Romagna	ACUTE project: Adapting blood CUlture systems To monitor antimicrobial Efficacy	<b>12,50</b>	130.000,00 €	1.112.386,36 €
56	Ematologia e Immunologia	SG-2021-12375578	Theory-enhancing	Lombardia	Laboratory hallmarks of refractoriness to first-line treatments in Immune Thrombocytopenia	<b>13,00</b>	130.000,00 €	982.386,36 €
57	Neurologia E Psichiatria	SG-2021-12372265	Theory-enhancing	MARIO NEGRI	JNK3 as a biomarker for the diagnosis and disease progression in Rett Syndrome	<b>13,00</b>	130.000,00 €	NO FINANZIATO
58	Riabilitazione	SG-2021-12375576	Change-promoting	AUXOLOGICO	Combining motor and cognitive training in Parkinsonian Syndromes: A Virtual Reality Dual-Task training protocol	<b>13,00</b>	130.000,00 €	NO FINANZIATO
59	Neurologia E Psichiatria	SG-2021-12375552	Theory-enhancing	STELLA MARIS	Zebrafish hpdl models: bridging the gap between mitochondria and neurodevelopment	<b>13,00</b>	130.000,00 €	852.386,36 €

60	Neurologia E Psichiatria	SG-2021-12372920	Theory-enhancing	CARLO BESTA	Developing an innovative skeletal muscle-targeting approach to counteract ALS through the FM19G11 hypoxia modulator factor	<b>13,00</b>	130.000,00 €	NO FINANZIATO
61	Oncologia	SG-2021-12372912	Theory-enhancing	MARIO NEGRI	Monitoring the patterns of opioid use for chronic pain among cancer and non-cancer patients from Lombardy, Italy (MOPI)	<b>13,50</b>	130.000,00 €	NO FINANZIATO
62	Neurologia E Psichiatria	SG-2021-12374453	Theory-enhancing	CARLO BESTA	CoPANcure: Development of pharmacological and molecular approaches to treat COASY-associated NBIA	<b>13,50</b>	130.000,00 €	NO FINANZIATO
63	Neurologia E Psichiatria	SG-2021-12373494	Theory-enhancing	Lazio	HEADACHE: assessing morphological brain changes and functional brain differences in patients with migraine using fmri	<b>13,50</b>	130.000,00 €	722.386,36 €
64	Neurologia E Psichiatria	SG-2021-12375565	Theory-enhancing	CASA SOLLIEVO SOFFERENZA	To unravel the molecular bases of Lennox-Gastaut syndrome	<b>13,50</b>	129.700,00 €	NO FINANZIATO
65	Gastroenterologia	SG-2021-12375599	Theory-enhancing	BURLO GAROFOLO	Role of gut microbiota in the efficacy of thiopurine treatment in pediatric IBD patients: a step towards personalized medicine	<b>13,50</b>	125.000,00 €	597.386,36 €

66	Cardiologia-Pneumologia	SG-2021-12374478	Theory-enhancing	Ospedale Policlinico San Martino	A specific small shuttle to counter heart diseases	<b>13,50</b>	130.000,00 €	467.386,36 €
67	Neurologia E Psichiatria	SG-2021-12375331	Theory-enhancing	SAN RAFFAELE MILANO	Exploring the microglial C1q/astrocyte CD44 crosstalk as a novel target to address neuroinflammation in multiple sclerosis using hiPSC-derived 3D brainspheres and single-cell transcriptomics	<b>13,50</b>	130.000,00 €	NO FINANZIATO
68	Neurologia E Psichiatria	SG-2021-12373130	Theory-enhancing	MONDINO	Analysis of diagnostic biomarkers and gene regulatory networks in Frontotemporal Dementia	<b>13,50</b>	130.000,00 €	NO FINANZIATO
69	Ematologia e Immunologia	SG-2021-12373082	Theory-enhancing	Ospedale Policlinico San Martino	INVESTIGATING THE BIOLOGICAL ROLE OF CLONAL HEMATOPOIESIS (CHIP) IN MULTIPLE MYELOMA	<b>13,50</b>	130.000,00 €	NO FINANZIATO
70	Oncologia	SG-2021-12373542	Change-promoting	C.R.O. AVIANO	Evaluation of intraclonal diversification of IGHV genes in the NGS era: clinical impact for chronic lymphocytic leukemia patients	<b>13,50</b>	130.000,00 €	NO FINANZIATO
71	Neurologia E Psichiatria	SG-2021-12375570	Theory-enhancing	Emilia-Romagna	Estimating TREM2 modulation of ALS progression (ESTREMA)	<b>13,50</b>	130.000,00 €	337.386,36 €

72	Riabilitazione	SG-2021-12375603	Change-promoting	Calabria	MyEXO: modulation of autonomic and interoceptive signals to facilitate the process of using and controlling exoskeleton (EXO) and reduce pain and other secondary health issues in spinal cord injury patients (SCIp).	<b>13,50</b>	130.000,00 €	207.386,36 €
73	Oncologia	SG-2021-12372157	Theory-enhancing	REGINA ELENA	Deciphering the functional role of a three-miRNA signature in glioma: from the molecular mechanisms to potential clinical application	<b>14,00</b>	130.000,00 €	77.386,36 €
74	Cardiologia-Pneumologia	SG-2021-12373779	Theory-enhancing	MULTIMEDICA	Identification and characterization of subpopulations of peripheral blood mononuclear cells from diabetic patients with critical limb ischemia to identify high-risk patients and select candidates for autologous cell therapy	<b>14,00</b>	130.000,00 €	NO FINANZIATO
75	Ematologia e Immunologia	SG-2021-12375610	Theory-enhancing	Sicilia	Interplay between epigenetics and metabolism in tumor reprogramming of mesenchymal stromal cells in myelodysplastic syndromes	<b>14,00</b>	117.000,00 €	NO FINANZIATO
76	Oncologia	SG-2021-12375564	Theory-enhancing	FONDAZIONE GEMELLI	AI-MRgRT: Artificial Intelligence applications to support Magnetic Resonance guided Radiotherapy	<b>14,00</b>	120.000,00 €	NO FINANZIATO
77	Trapiantologia	SG-2021-12375499	Theory-enhancing	ISMETT	Dissecting the role of iRhom2 and the immunomodulatory effects of human amniotic derived mesenchymal/stromal stem cells condition media in ischemia and reperfusion injury in liver. A pioneering study with the usage of highly innovative proteomic approaches and avant-garde liver 3D-model.	<b>14,00</b>	101.272,00 €	NO FINANZIATO

78	Oncologia	SG-2021-12374456	Change-promoting	REGINA ELENA	PROMPTING MKK3 AS A THERAPEUTIC TARGET IN TRIPLE NEGATIVE BREAST CANCER	<b>14,50</b>	130.000,00 €	NO FINANZIATO
79	Neurologia E Psichiatria	SG-2021-12375598	Theory-enhancing	Istituto Superiore di Sanita'	Disaggregating amyloid pre-fibrillar oligomers to prevent and cure the membrane-induced neurotoxicity	<b>14,50</b>	130.000,00 €	NO FINANZIATO
80	Nefrologia e Urologia	SG-2021-12375532	Change-promoting	REGINA ELENA	Single setting 3D MRI-US guided fusion biopsy with frozen section and focal cryoablation of the index lesion: a prospective study in patient wit low/intermediate risk prostate cancer	<b>14,50</b>	130.000,00 €	NO FINANZIATO
81	Pediatria	SG-2021-12374680	Change-promoting	MONDINO	VIBES: Visual Impairment and Brain-to-brain Electrophysiological Synchrony	<b>14,50</b>	130.000,00 €	NO FINANZIATO
82	Oncologia	SG-2021-12375534	Change-promoting	ONCOLOGICO DI BARI	Development and validation of an Explainable Artificial Intelligence based-decision support system to predict axillary lymph node metastases in clinically node-negative breast cancer patients	<b>14,50</b>	120.000,00 €	NO FINANZIATO
83	Pediatria	SG-2021-12372951	Theory-enhancing	MEDEA	Neurodevelopmental disorders and feeding behaviors: a longitudinal study to identify risk factors for prevention of pediatric obesity (Acronym: FEEDING DEVELOPMENT)	<b>14,50</b>	130.000,00 €	NO FINANZIATO

84	Oncologia	SG-2021-12372876	Theory-enhancing	AUSL RE Ist. Tecnologie Avanzate	Development of a Lung Adenocarcinoma organoids platform for predicting response to adjuvant therapy and for studying innovative drugs	<b>14,50</b>	130.000,00 €	NO FINANZIATO
85	Ematologia e Immunologia	SG-2021-12373486	Theory-enhancing	SANT'ORSOLA	ALBA: A Liquid Biopsy Approach to monitor the disease dynamics in adult Acute Lymphoblastic Leukemia.	<b>15,00</b>	130.000,00 €	NO FINANZIATO
86	Neurologia E Psichiatria	SG-2021-12373802	Change-promoting	Istituto Superiore di Sanita'	The impact of COVID-19 infection on behavioral and psychological symptoms in patients with dementia: a cross-sectional and cohort study	<b>15,00</b>	130.000,00 €	NO FINANZIATO
87	Neurologia E Psichiatria	SG-2021-12375192	Theory-enhancing	Istituto Superiore di Sanita'	DeepRett: a deep learning-based system for the early detection of abnormal motor and language development in Rett syndrome	<b>15,00</b>	130.000,00 €	NO FINANZIATO
88	Neurologia E Psichiatria	SG-2021-12373153	Theory-enhancing	SAN RAFFAELE MILANO	Identifying novel neural extracellular vesicles-associated biomarker for Multiple Sclerosis	<b>15,00</b>	130.000,00 €	NO FINANZIATO
89	Oncologia	SG-2021-12374224	Theory-enhancing	Toscana	Inside the Glioma: dissecting the composition of immune cells in tumor infiltrate for novel immunotherapeutic applications.	<b>15,00</b>	130.000,00 €	NO FINANZIATO

90	Neurologia E Psichiatria	SG-2021-12373122	Theory-enhancing	CARLO BESTA	Testing the efficacy of innovative treatments for Developmental Dyslexia: Virtual reality, Neurofeedback and Transcranial Direct Current Stimulation (tDCS)	15,50	130.000,00 €	NO FINANZIATO
91	Oncologia	SG-2021-12375592	Theory-enhancing	PASCALE	Study of the mechanisms responsible for mTOR targeting drugs in human renal cancer cells. The role of PBRM1 and CXCR4/CXCL12/CXCR7 pathway.	15,50	130.000,00 €	NO FINANZIATO
92	Oncologia	SG-2021-12375614	Theory-enhancing	Toscana	Identification of novel molecular approaches for cholangiocarcinoma therapy: focus on the Hedgehog-GLI signaling pathway.	15,50	129.600,00 €	NO FINANZIATO
93	Neurologia E Psichiatria	SG-2021-12375543	Change-promoting	Lazio	Evaluation of mild tactile deficits in individuals with multiple sclerosis using haptic interfaces	15,50	130.000,00 €	NO FINANZIATO
94	Gastroenterologia	SG-2021-12374151	Theory-enhancing	DE BELLIS	Evaluation of the effects of Tritordeum-based foods compared to the low-FODMAPs diet on the intestinal barrier, gut microbiota, and metabolome in IBS-D patients: a randomized, controlled, single-blind clinical trial	16,00	130.000,00 €	NO FINANZIATO
95	Veterinaria	SG-2021-12375568	Theory-enhancing	Istituto Superiore di Sanita'	Mixture toxicity and antibiotic resistance profile of biocides in the zebrafish model: One Health- More Zebrafish (OHMZeb) Project	16,00	130.000,00 €	NO FINANZIATO



96	Veterinaria	SG-2021-12373690	Theory-enhancing	Istituto Superiore di Sanita'	Natural substances in food industry as potential antibacterial and antibiofilm.	<b>16,00</b>	129.600,00 €	NO FINANZIATO
97	Oncologia	SG-2021-12375590	Theory-enhancing	PASCALE	Harnessing NKs for ovarian cancer therapy	<b>16,00</b>	130.000,00 €	NO FINANZIATO
98	Endocrinologia	SG-2021-12373688	Theory-enhancing	OSPEDALE BAMBINO GESU'	Preclinical validation of a gene therapy approach for the treatment of Autoimmune Polyendocrine Syndrome type 1 (APECED)	<b>16,00</b>	130.000,00 €	NO FINANZIATO
99	Neurologia E Psichiatria	SG-2021-12375612	Change-promoting	Istituto Scienze Neurologiche	Improving care for persons with epilepsy through record linkage: the EpiLink project	<b>16,00</b>	130.000,00 €	NO FINANZIATO
100	Neurologia E Psichiatria	SG-2021-12373245	Theory-enhancing	Istituto Superiore di Sanita'	Sex-related microRNAs: possible biomarkers in Frontotemporal dementia	<b>16,50</b>	126.000,00 €	NO FINANZIATO
101	Veterinaria	SG-2021-12372801	Theory-enhancing	IZSVE	Characterization of bat-associated arthropod vectors in northeastern Italy and detection of pathogens by xeno-surveillance approach	<b>16,50</b>	130.000,00 €	NO FINANZIATO

102	Malattie Infettive	SG-2021-12375132	Theory-enhancing	Sicilia	FEDerated learning to early predict adverse outcomes in Intensive Care Unit patients (FED-ICU)	<b>16,50</b>	130.000,00 €	NO FINANZIATO
103	Veterinaria	SG-2021-12375601	Theory-enhancing	IZSLER	In vitro study of the intracellular replicative phenotype across different Salmonella lineages and of the associated cellular inflammatory response	<b>17,00</b>	130.000,00 €	NO FINANZIATO
104	Gastroenterologia	SG-2021-12375594	Theory-enhancing	Istituto Superiore di Sanita'	An in vitro approach to investigate the safety of herbal food supplements: curcumin/piperine as a case study.	<b>17,00</b>	130.000,00 €	NO FINANZIATO
105	Diagnostica	SG-2021-12372369	Theory-enhancing	HUMANITAS	Prediction of Arterial Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage through Artificial Intelligence analysis of medical images and clinical and laboratory data	<b>17,00</b>	130.000,00 €	NO FINANZIATO
106	Pediatria	SG-2021-12375544	Change-promoting	MONDINO	HEAD-CAM: Horizons in Early At-risk Development - Communication, Attention and Manipulation	<b>17,00</b>	130.000,00 €	NO FINANZIATO
107	Cardiologia-Pneumologia	SG-2021-12373968	Theory-enhancing	FONDAZIONE GEMELLI	Assessment of a molecular signature in Ischemia with Non-Obstructive Coronary Arteries: the challenge of INOCA endotypes	<b>17,00</b>	130.000,00 €	NO FINANZIATO

108	Ematologia e Immunologia	SG-2021-12374215	Theory-enhancing	Toscana	Structural Variation and Methylation profiling in Patients with Triple Negative Myeloproliferative Neoplasm by Nanopore-based Sequencing Technology	<b>17,50</b>	127.000,00 €	NO FINANZIATO
109	Neurologia E Psichiatria	SG-2021-12375557	Theory-enhancing	SAN RAFFAELE PISANA	Cost-effective and non-invasive biomarkers as disease predictors in familial forms of dementia: an Italian family study	<b>17,50</b>	0,00 €	NO FINANZIATO
110	Oncologia	SG-2021-12374864	Theory-enhancing	REGINA ELENA	Targeting genomic instability as new therapeutic approach in breast cancer	<b>18,00</b>	130.000,00 €	NO FINANZIATO
111	Otorinolaringoiatria e Odontoiatria	SG-2021-12375560	Theory-enhancing	Marche	A new oral cancer artificial intelligence-assisted predictive model integrating high-resolution phase-contrast microtomography	<b>18,00</b>	130.000,00 €	NO FINANZIATO
112	Neurologia E Psichiatria	SG-2021-12375572	Theory-enhancing	MAGGIORE	Implementation of a new ASL MRI sequence for studying muscular blood flow and its application to neurological and neuro-muscular diseases: correlations with cardiac blood flow	<b>18,00</b>	130.000,00 €	NO FINANZIATO
113	Cardiologia-Pneumologia	SG-2021-12375597	Theory-enhancing	MONZINO	Understanding the role of High Mobility Group Box 1 (HMGB1) in vascular senescence and calcification	<b>18,00</b>	130.000,00 €	NO FINANZIATO

114	Oncologia	SG-2021-12375606	Change-promoting	Veneto	Identification of clinically relevant biomarkers for precision oncology in patients with resectable pancreatic cancer	<b>18,00</b>	130.000,00 €	NO FINANZIATO
115	Ortopedia	SG-2021-12375600	Theory-enhancing	RIZZOLI	Multilevel and multidimensional analysis and modelling of human knee meniscus: an integrated experimental and computational approach to quantitatively describe the degenerative joint disease.	<b>18,50</b>	130.000,00 €	NO FINANZIATO
116	Nefrologia e Urologia	SG-2021-12373739	Theory-enhancing	MAGGIORE	Role of biofluid-derived extracellular vesicles as effectors of immune system dysfunction in children with Idiopathic Nephrotic Syndrome.	<b>18,50</b>	130.000,00 €	NO FINANZIATO
117	Cardiologia-Pneumologia	SG-2021-12372354	Change-promoting	Sicilia	Safety, effectiveness and cost-analysis of a novel method to guide arteriotomy for transfemoral transcatheter aortic valve implantation by computed tomography angiography evaluation of femoral artery wall integrity	<b>18,50</b>	130.000,00 €	NO FINANZIATO
118	Neurologia E Psichiatria	SG-2021-12375613	Theory-enhancing	Sardegna	Different clinical, ethnological and pathophysiological mechanisms in Parkinson's disease	<b>19,00</b>	130.000,00 €	NO FINANZIATO
119	Ortopedia	SG-2021-12372085	Theory-enhancing	GALEAZZI	Innovative strategy to achieve a combined immunomodulation and regenerative potential of Adipose Stem Cells (ASCs): paving the way for a more effective conservative treatment of joint degeneration	<b>19,00</b>	130.000,00 €	NO FINANZIATO

120	Endocrinologia	SG-2021-12374931	Theory-enhancing	Marche	Mesenchymal Stem Cells as an early Model to analyze the effects of human glucocorticoids' dysregulation (MASTERMINDS)	<b>19,00</b>	130.000,00 €	NO FINANZIATO
121	Oncologia	SG-2021-12375186	Change-promoting	Piemonte	Development of automatic 3 Dimensional augmented reality for urologic surgery and kidney transplantation guidance	<b>19,00</b>	129.700,00 €	NO FINANZIATO
122	Neurologia E Psichiatria	SG-2021-12375550	Theory-enhancing	SAN RAFFAELE PISANA	The impact of endocannabinoid system modulation on brain damage and neuronal plasticity in Multiple Sclerosis	<b>19,00</b>	130.000,00 €	NO FINANZIATO
123	Oncologia	SG-2021-12375562	Theory-enhancing	SANT'ORSOLA	Hijacking complementary pathways in resistance to last generation EGFR kinase inhibitors: implications for therapy	<b>19,50</b>	130.000,00 €	NO FINANZIATO
124	Neurologia E Psichiatria	SG-2021-12375575	Theory-enhancing	MAGGIORE	A novel targeted genome panel: new tool to unravelling the role of exonic and intronic variability in dementia	<b>19,50</b>	130.000,00 €	NO FINANZIATO
125	Riabilitazione	SG-2021-12373782	Theory-enhancing	MAUGERI	Sensor Fusion and Artificial Intelligence for Ergonomics and Occupational Medicine: new frontiers in the evaluation of biomechanical risk	<b>19,50</b>	130.000,00 €	NO FINANZIATO

126	Neurologia E Psichiatria	SG-2021-12372235	Theory-enhancing	MARIO NEGRI	Determinants and treatments of tinnitus at a global scale	<b>20,00</b>	130.000,00 €	NO FINANZIATO
127	Oncologia	SG-2021-12372613	Theory-enhancing	Istituto Superiore di Sanita'	Reprogramming Tumor-Associated Macrophages towards a M1 phenotype via mannose receptor mediated uptake of small extracellular vesicles	<b>20,00</b>	130.000,00 €	NO FINANZIATO
128	Neurologia E Psichiatria	SG-2021-12373956	Theory-enhancing	NEUROLESI	Machine-learning-based identification of neurophysiological nonlinear EEG biomarkers for personalized rehabilitation of stroke patients	<b>20,00</b>	96.500,00 €	NO FINANZIATO
129	Endocrinologia	SG-2021-12373698	Change-promoting	Lazio	Effects of Vitamin D on bone, muscle, and adipose tissue in obese subjects: a randomized, double-blind, placebo-controlled study	<b>20,00</b>	130.000,00 €	NO FINANZIATO
130	Pediatria	SG-2021-12375609	Theory-enhancing	BURLO GAROFOLO	Development of innovative pharmacogenomic biomarkers for the personalization of therapy with thiopurines in early-onset inflammatory bowel disease patients	<b>20,50</b>	130.000,00 €	NO FINANZIATO
131	Endocrinologia	SG-2021-12374766	Theory-enhancing	GALEAZZI	Circulating microRNAs and bone and parathyroid biomarkers predictive of the bone and muscular outcomes of the anabolic therapy with the parathormone (PTH) analog teriparatide in elder severe osteoporotic patients (the OSTMARK-PLUS study)	<b>20,50</b>	130.000,00 €	NO FINANZIATO

132	Neurologia E Psichiatria	SG-2021-12373709	Theory-enhancing	Umbria	Towards Restitution of Ischemic Stroke-Injured Brain: Development of 3D Bioprinted Scaffolds Supporting Neural Stem Cells.	<b>21,00</b>	130.000,00 €	NO FINANZIATO
133	Malattie Infettive	SG-2021-12372009	Theory-enhancing	Istituto Superiore di Sanita'	DEVELOPMENT OF AN ARTIFICIAL INTELLIGENCE-BASED SYSTEM FOR REMOTE ENTOMOLOGICAL SURVEILLANCE	<b>21,00</b>	130.000,00 €	NO FINANZIATO
134	Cardiologia-Pneumologia	SG-2021-12373229	Change-promoting	Piemonte	ECG digital analysis to estimate the risk of pacemaker implantation after transcatheter aortic valve replacement	<b>21,00</b>	130.000,00 €	NO FINANZIATO
135	Malattie Infettive	SG-2021-12375531	Theory-enhancing	IZSSI	Active packaging: study about the combination of natural additives to prevent food infections.	<b>21,00</b>	128.200,00 €	NO FINANZIATO
136	Neurologia E Psichiatria	SG-2021-12374348	Theory-enhancing	CARLO BESTA	Mental health intervention for working patients with tumor and their caregivers during COVID-19 pandemic	<b>21,00</b>	130.000,00 €	NO FINANZIATO
137	Pediatria	SG-2021-12375596	Theory-enhancing	Emilia-Romagna	Effects of nutritional and growth status on disease severity and lung function in children and adolescents with sickle cell disease	<b>21,00</b>	130.000,00 €	NO FINANZIATO

138	Neurologia E Psichiatria	SG-2021-12375605	Theory-enhancing	CASA SOLLIEVO SOFFERENZA	Neural stem cell model of Joubert syndrome 3: cellular mechanisms and in vitro gene replacement as a proof of principle therapeutic approach	<b>21,50</b>	130.000,00 €	NO FINANZIATO
139	Oncologia	SG-2021-12375584	Change-promoting	SDN	Unravelling the role of TRAIL axis in Thyroid Cancer	<b>22,00</b>	130.000,00 €	NO FINANZIATO
140	Cardiologia-Pneumologia	SG-2021-12374432	Change-promoting	SAN DONATO	Identifying Sex- and Gender-related Patterns of Health Determinants in the Oral Anticoagulated Population to Support an Evidence-grounded Health Promotion Employing Big Data Analytics	<b>22,50</b>	130.000,00 €	NO FINANZIATO
141	Gastroenterologia	SG-2021-12374693	Theory-enhancing	Istituto Superiore di Sanita'	In vitro Toxicological Evaluation of pesticides at concentrations Relevant for human exposure, a novel Sex-specific approach (ITERS).	<b>22,50</b>	130.000,00 €	NO FINANZIATO
142	Cardiologia-Pneumologia	SG-2021-12373263	Theory-enhancing	MULTIMEDICA	Deciphering the role of IL-10 as alarmin-like molecule in vascular and inflammatory-based disorders	<b>23,00</b>	130.000,00 €	NO FINANZIATO
143	Riabilitazione	SG-2021-12373518	Change-promoting	Lazio	Cognitive and hand rehabilitation using a robotic glove in chronic stroke patients	<b>23,00</b>	130.000,00 €	NO FINANZIATO



144	Oncologia	SG-2021-12375593	Theory-enhancing	SAN RAFFAELE MILANO	ASIC3, a novel therapeutic target for the treatment of glioblastoma	<b>24,00</b>	130.000,00 €	NO FINANZIATO
145	Ematologia e Immunologia	SG-2021-12373815	Theory-enhancing	Piemonte	Biomarkers and Therapeutic Discovery Strategy in COVID-19 Patients	<b>24,00</b>	130.000,00 €	NO FINANZIATO
146	Ostetricia e Ginecologia	SG-2021-12375145	Theory-enhancing	Sicilia	MAternal diet, MIcronutrients and other elements in pregnancy: Their Effects on health and biological Aging in Mother-child dyads (MAMI-TEAM)	<b>24,50</b>	130.000,00 €	NO FINANZIATO
147	Neurologia E Psichiatria	SG-2021-12373718	Theory-enhancing	Umbria	Development of a biomimetic 3D-printed scaffold loaded with human neural stem cells in the therapy of chronic spinal cord injury	<b>25,00</b>	130.000,00 €	NO FINANZIATO
148	Veterinaria	SG-2021-12375574	Change-promoting	IZSSI	Evaluation of pets as possible sentinels of arboviruses, with a particular focus on West Nile virus (WNV), responsible for West Nile Fever in the One Health context.	<b>27,00</b>	130.000,00 €	NO FINANZIATO
149	Oncologia	SG-2021-12375528	Change-promoting	Piemonte	Identification and development of diagnostic and prognostic biomarkers of prostate cancer with smart urinary test	<b>30,00</b>	130.000,00 €	NO FINANZIATO