



Ministero della Salute

Direzione Generale Ricerca Sanitaria e Biomedica e della Vigilanza sugli Enti

BANDO 2011-2012 RICERCA FINALIZZATA -GRADUATORIA PROGETTI RICERCATORI ITALIANI ALL'ESTERO

CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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'	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	5
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.	Biomedical	Biology of Development and Aging	Neurological diseases	6
PE-2011-02350284	Search for new genes and new therapies for Neonatal Diabetes Mellitus (NDM) and Hyperinsulinism and Hypoglycemia (HH)	OSPEDALE BAMBINO GESU'	Clinical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	6
PE-2011-02347329	Induced pluripotent stem cell (iPSC) technology in osteoimmunology: correcting the bone and immune defects of osteopetrosis	HUMANITAS	Biomedical	Genes, Genomes and Genetics	Infection and immunity	6,5
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	Biomedical	Oncology 1 - Basic Translational	Oncology	7,5

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PE-2011-02348507	Exome sequencing of thymic epithelial tumors	Toscana	Clinical	Oncology 2 - Translational Clinical	Oncology	7,5
PE-2011-02348727	Perinatal depression :chronobiology,sleep related risk factor and light therapy	Emilia-Romagna	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	7,5
PE-2011-02347716	Epsins in epidermal Notch signaling and cancer	SAN RAFFAELE Milano	Biomedical	Oncology 1 - Basic Translational	Oncology	7,5
PE-2011-02350135	The gastric submucosal space (GSMS) and the lymph nodes (LN) as novel sites for islet allo-transplantation using clinically-applicable immunosuppression	Sicilia	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	8
PE-2011-02350147	Role of the immunological impairment in progression from MGUS to Multiple Myeloma	Sicilia	Biomedical	Oncology 1 - Basic Translational	Oncology	8
PE-2011-02351681	Emerging respiratory viruses: monitoring of coronavirus infections at the human-animal interface	ISS	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	8
PE-2011-02347035	Long-term persistence of Integrase Defective Lentiviral Vector (IDLV) vectored HIV-1-Env for induction of protective antiviral antibodies	ISS	Biomedical	AIDS and Related Research	Infection and immunity	8
PE-2011-02346988	Hypertension in high school students:Genetic and Environmental Factors	Toscana	Clinical	Population Sciences and Epidemiology	Metabolism disorders and cardiovascular disease	8

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PE-2011-02347872	Role of HIF factors in leukemogenesis and evaluation of the effectiveness of their targeting as anti-tumor therapy	SAN RAFFAELE Milano	Biomedical	Oncology 1 - Basic Translational	Oncology	8
PE-2011-02346849	Nanotechnology for the multiplex diagnosis of infectious diseases	ISS	Biomedical	Infectious Diseases and Microbiology	The new biotechnologies	8,5
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-Roma	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	9
PE-2011-02347028	Dual ErbB-3 and PI3K/AKT pathway inhibition as a novel approach to targeting cancer	Abruzzo	Biomedical	Oncology 1 - Basic Translational	Oncology	9
PE-2011-02347951	Interaction between environmentally sensitive DNA methylation and dopamine D2 related genetic variation on schizophrenia phenotypes	Puglia	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	9
PE-2011-02350177	CLINICAL AND GENETIC CHARACTERIZATION OF EARLY COMPLICATIONS IN JUVENILE OBESITY	OSPEDALE BAMBINO GESU'	Clinical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	9
PE-2011-02346905	Metagenomic search for microbiological determinants of human tumors	ISS	Biomedical	Oncology 1 - Basic Translational	Oncology	9
PE-2011-02352286	Tipping the balance between adaptive/maladaptive endoplasmic reticulum stress responses	SAN RAFFAELE Milano	Biomedical	Cell Biology	The new biotechnologies	9

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PE-2011-02348395	NOVEL APPROACH FOR BONE REGENERATION AND REPAIR USING SULFUR DONOR-BASED THERAPY	RIZZOLI	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies	9,5
PE-2011-02347510	Toxins produced by intestinal bacteria and predisposing genetic variations: a dangerous link for colorectal cancer development?	ISS	Biomedical	Oncology 1 - Basic Translational	Oncology	9,5
PE-2011-02346818	Assessing the immunomodulatory effect of probiotics in the Experimental Model of Myasthenia Gravis	CARLO BESTA	Biomedical	Brain Disorders and Clinical Neuroscience	Infection and immunity	9,5
PE-2011-02348919	Hereditary schwannomatosis: identification of new genes and generation of animal models to dissect the interplay of the pathways involved	Toscana	Biomedical	Genes, Genomes and Genetics	Oncology	9,5
PE-2011-02351866	Exploiting endoplasmic reticulum aminopeptidases modulation for innovative strategies of anticancer immunotherapy	OSPEDALE BAMBINO GESU'	Biomedical	Immunology	Oncology	9,5
PE-2011-02351898	Modulation of the startle response in REM Sleep Behavior Disorder	Sardegna	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	9,5
PE-2011-02348537	Epigenome wide profiling of dysfunctional endothelial progenitor cells in diabetic patients	MONZINO	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	9,5
PE-2011-02348447	Microbiota as potential target for innovative preventive and therapeutic strategies for food allergy.	Campania	Biomedical	Immunology	Infection and immunity	9,75

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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	Clinical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease	9,75
PE-2011-02350100	ROLE OF THE DNAM-1/PVR PATHWAY IN THE PATHOGENESIS OF HIV-1 INFECTION	OSPEDALE BAMBINO GESU'	Clinical	AIDS and Related Research	Infection and immunity	10
PE-2011-02349411	Development of vaccines to control salmonellosis using attenuated strains with altered metal uptake capability	ISS	Biomedical	Veterinary	Food safety and animal welfare	10
PE-2011-02350329	Targeted gene correction of human Induced Pluripotent Stem Cells (iPSCs) for advanced therapy of parahaemophilia (severe factor V deficiency).	Veneto	Biomedical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease	10
PE-2011-02346925	Development of Training Optimization Techniques for Robot-assisted Neurorehabilitation	MAUGERI	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases	10
PE-2011-02349529	IDENTIFICATION AND VALIDATION OF NEW THERAPEUTIC TARGETS FOR MULTIPLE MYELOMA PATIENTS	Emilia-Romagna	Biomedical	Oncology 1 - Basic Translational	Oncology	10
PE-2011-02349146	Renovating the HER2 assessment in tissues for improving treatment in patients with breast cancer	Piemonte	Clinical	Oncology 2 - Translational Clinical	Oncology	10

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PE-2011-02348317	The histaminergic system in the development of collateral circulation	SAN RAFFAELE Pisana-Roma	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	10
PE-2011-02348708	Interaction of dormant Mycobacterium tuberculosis with host immune system as a preclinical model to identify new targets of immunointervention against tuberculosis	ISS	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	10
PE-2011-02351899	Immunological tools for the Prevention of HCV recurrence in liver transplantation	Sicilia	Biomedical	Immunology	Infection and immunity	10
PE-2011-02346884	Virtual and Augmented Reality Support for Transcatheter Valve Implantation Using Cardiovascular MRI	Toscana	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	Metabolism disorders and cardiovascular disease	10,25
PE-2011-02351050	Tumor ER stress and regulatory T cell polarization: new targets for combinatorial immunotherapy of cancer	AOU San Martino-IST - Genova	Biomedical	Immunology	Oncology	10,25
PE-2011-02350410	Sensory prediction in cerebro-cerebellar loops for motor control: implications for neuro-rehabilitation in cerebellar ataxia	MONDINO	Biomedical	Integrative, Functional, and Cognitive Neuroscience	Neurological diseases	10,5
PE-2011-02349262	A longitudinal and experimental study on muscle synergies in the lower limb in persons with hemiparesis after recent stroke	DON GNOCCHI	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases	10,5
PE-2011-02346932	Clinical significance of serum microRNA associated with primary sclerosing cholangitis	HUMANITAS	Clinical	Digestive, Kidney and Urological Systems	Infection and immunity	10,5

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PE-2011-02351607	Functional microRNA screening to unravel key microRNA in pancreatic cancer chemoresistance	Toscana	Clinical	Oncology 2 - Translational Clinical	Oncology	10,5
PE-2011-02352266	Hematopoietic stem cell transplantation for malignant forms of Multiple Sclerosis.	Toscana	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	10,5
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	Biomedical	Immunology	Infection and immunity	10,5
PE-2011-02346795	Role of APOBEC1 in the initiation and progression of cancer	Toscana	Biomedical	Oncology 1 - Basic Translational	Oncology	10,5
PE-2011-02349803	ROLE OF LXR β / β -CATENIN AXIS IN REGULATING MACROPHAGE-DRIVEN INFLAMMATION IN FIBROCYSTIN-DEFECTIVE LIVER DISEASES	Veneto	Biomedical	Cell Biology	Infection and immunity	10,75
PE-2011-02347367	SVILUPPO DI PROTOCOLLI PER LA LIOFILIZZAZIONE DI CELLULE ED OOCITI IN UN MODELLO ANIMALE (OVINO).	ISS	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	The new biotechnologies	10,75
PE-2011-02347688	Evaluation and treatment of impaired VitaminD metabolism in Rheumatoid Arthritis.	Piemonte	Clinical	Musculoskeletal, Oral and Skin Sciences	Infection and immunity	11

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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	Clinical	Infectious Diseases and Microbiology	Infection and immunity	11
PE-2011-02351679	Understanding Abiraterone and Enzalutamide resistance in recurrent prostate cancer.	Toscana	Clinical	Oncology 2 - Translational Clinical	Oncology	11
PE-2011-02346958	Predictive value of circulating microparticle signature in coronary bypass graft patency	MONZINO	Clinical	Vascular and Hematology	Metabolism disorders and cardiovascular disease	11
PE-2011-02348016	Role of hypoxia induced miR-210 in peripheral ischemia	SAN DONATO	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease	11
PE-2011-02347942	Role of multiple HPV infections in the development of cervical diseases.	BURLO GAROFALO	Clinical	Infectious Diseases and Microbiology	Oncology	11
PE-2011-02347239	Cardiac pathophysiology in Dravet Syndrome mortality	CARLO BESTA	Biomedical	Cardiovascular and Respiratory Sciences	Neurological diseases	11
PE-2011-02352687	Air pollution, Epigenomic Arterial Signatures, and Post Heart-Surgery Risk of Cardiovascular Events.	MAGGIORE	Biomedical	Genes, Genomes and Genetics	Diseases of environmental origin, with reference also to the workplace	11
PE-2011-02351312	Molecular mechanisms and potential new markers for prostate cancer risk and progression	ARCISPEDALE-Reggio Emilia	Clinical	Oncology 2 - Translational Clinical	Oncology	11,25

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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	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies	11,25
PE-2011-02348107	Regulation of cancer stem cell symmetric divisions by myc	I.E.O.	Biomedical	Oncology 1 - Basic Translational	Oncology	11,5
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	Biomedical	Immunology	Infection and immunity	11,5
PE-2011-02347740	Pilot study of a fasting-mimicking diet as a means to reduce the toxicity of chemotherapy in elderly patients	AOU San Martino-IST - Genova	Clinical	Oncology 2 - Translational Clinical	Oncology	11,5
PE-2011-02349923	Validation of new selective histaminergic H $_4$ receptor ligands in autoimmune and inflammatory neuropathologies such as multiple sclerosis and stroke.	Toscana	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	11,75
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	Biomedical	Oncology 1 - Basic Translational	Oncology	12
PE-2011-02350766	On the role of soluble A β in inducing autophagy	AOU San Martino-IST - Genova	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases	12

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PE-2011-02349366	Coenzyme Q deficiency as a model of treatable neurodegenerative disease.	Veneto	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	12
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.	Biomedical	Oncology 1 - Basic Translational	Oncology	12
PE-2011-02352173	EFFECTIVENES OF EXPOSURE TO SHORT WAVELENGTH LIGHT ON RECOVERY DRIVING ABILITY FOLLOWING A MILD TRAUMATIC BRAIN INJURY (mTBI)	SAN RAFFAELE Pisana-Roma	Biomedical	Integrative, Functional, and Cognitive Neuroscience	Neurological diseases	12
PE-2011-02346794	Comparative effectiveness and safety with regard to cardiovascular events of non-insulin therapies for type 2 diabetes	Lazio	Clinical	Population Sciences and Epidemiology	Metabolism disorders and cardiovascular disease	12
PE-2011-02346769	Identification and validation of miRNAs as novel biomarkers and therapeutic targets in diffuse malignant peritoneal mesothelioma	IST.TUMORI MILANO	Biomedical	Oncology 2 - Translational Clinical	Oncology	12
PE-2011-02347905	Turning expression into advantage: a new tool for regulatory T cell therapy	BURLO GAROFALO	Biomedical	Immunology	Infection and immunity	12
PE-2011-02348076	Workflow-based Integrated Diagnostic Oncoproteomics Laboratory System (WIDOLS)	AOU San Martino-IST - Genova	Biomedical	Bioengineering Sciences and Technologies	Oncology	12
PE-2011-02347934	Reactive oxygen species (ROS) and phosphoinositide 3-kinase (PI3K) signalling in breast cancer	Abruzzo	Biomedical	Cell Biology	Oncology	12

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PE-2011-02349001	Design, synthesis and evaluation of the biological activity of innovative molecules for the treatment of estrogen-dependent tumors	AOU San Martino-IST - Genova	Biomedical	Oncology 2 - Translational Clinical	Oncology	12,5
PE-2011-02348973	Vascular cognitive decline in Atrial Fibrillation: advanced MRI neuroimaging and in-depth neuropsychological assessment of brain damage.	CARLO BESTA	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	12,5
PE-2011-02351713	Mechanisms and Biomarkers of Altered DNA Methylation in Sporadic and Hereditary Colorectal Cancer	REGINA ELENA	Clinical	Genes, Genomes and Genetics	Oncology	12,5
PE-2011-02348988	Chemical displacement of Twist:p53 protein-protein interaction as an innovative cancer therapeutic approach	AOU San Martino-IST - Genova	Biomedical	Oncology 2 - Translational Clinical	Oncology	12,5
PE-2011-02347566	Molecular mechanisms underlying metabotropic glutamate (mGlu) receptor dysfunction in Fragile X syndrome	OASI MARIA S.S.	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases	12,5
PE-2011-02352678	Mucosal innate immune response markers for the prediction of gluten-induced intestinal damage in celiac disease.	BURLO GAROFALO	Clinical	Immunology	Infection and immunity	12,5
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-Reggio Emilia	Biomedical	Genes, Genomes and Genetics	Neurological diseases	12,5

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PE-2011-02347021	A new approach to diagnosis in muscular diseases	CARLO BESTA	Biomedical	Genes, Genomes and Genetics	Neurological diseases	12,5
PE-2011-02348488	DO INHIBITORY NETWORKS SUSTAIN SEIZURE-GENESIS IN FOCAL EPILEPSY?	CARLO BESTA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	12,5
PE-2011-02349856	Surveillance of individuals at high-risk of developing pancreatic cancer	Lazio	Clinical	Oncology 2 - Translational Clinical	Oncology	12,75
PE-2011-02347707	Safety and efficacy of novel therapeutic strategies against high grade gliomas.	AOU San Martino-IST - Genova	Biomedical	Oncology 2 - Translational Clinical	Oncology	13
PE-2011-02348673	UNDERSTANDING EARLY DEFICITS OF NIGRAL DOPAMINERGIC AND STRIATAL NEURONS IN A NOVEL GENETIC RAT MODEL OF PARKINSON'S DISEASE.	SANTA LUCIA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13
PE-2011-02347780	INTEGRATED "OMIC" APPROACHES TO STUDY VARIABLE PENETRANCE AND ESPRESSIVITY IN SPASTIN-RELATED SPASTIC PARAPLEGIA	STELLA MARIS	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13
PE-2011-02350949	The role of B cells in Graft-versus-Host Disease after allogeneic hemopoietic cell transplantation	Provincia autonoma Bolzano	Biomedical	Immunology	Oncology	13
PE-2011-02347287	Modulation of FoxO1 antioxidant function to prevent aging related disorders: diabetes and atherosclerosis	Abruzzo	Biomedical	Biology of Development and Aging	Metabolism disorders and cardiovascular disease	13

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PE-2011-02348366	DNA damage response factors maintain ploidy by organelle-specific functions: role of HIPK2 and histone H2B at the midbody	REGINA ELENA	Biomedical	Oncology 1 - Basic Translational	Oncology	13
PE-2011-02349685	Novel molecular targets of mutant p53 for selective anticancer therapeutic intervention	AOU San Martino-IST - Genova	Biomedical	Oncology 1 - Basic Translational	Oncology	13
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	Biomedical	Cell Biology	Oncology	13
PE-2011-02347615	Frizzled receptor 6 (Fzd6) as a new biomarker and therapeutic target in breast cancer.	Abruzzo	Biomedical	Oncology 1 - Basic Translational	Oncology	13
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	Biomedical	Bioengineering Sciences and Technologies	Metabolism disorders and cardiovascular disease	13
PE-2011-02347940	Preclinical studies on TM9SF4, a novel potential biomarker associated with malignancy in patients with skin cancers	ISS	Biomedical	Oncology 1 - Basic Translational	Oncology	13

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PE-2011-02348900	Exploring the role of Epstein-Barr virus infection and innate immune signalling pathways in the pathogenesis of myasthenia gravis	CARLO BESTA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,25
PE-2011-02351281	Quantitative gait analysis in older adults with Alzheimers disease and mild cognitive impairment: pathophysiological meaning and possible clinical applications	Toscana	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,5
PE-2011-02351692	DOPAMINERGIC MODULATION OF TONIC GABAA INHIBITION: PATHOPHYSIOLOGICAL AND THERAPEUTIC IMPLICATIONS FOR ABSENCE SEIZURES	NEUROMED	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,5
PE-2011-02346747	MicroRNA replacement and RNAi-mediated silencing of ALK as combined targeted therapies for neuroblastoma	GASLINI	Biomedical	Oncology 2 - Translational Clinical	Oncology	13,5
PE-2011-02351255	Novel strategies for tackling obesity epidemics by targeting the resting energy expenditure (EE)	AUXOLOGICO	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	13,5
PE-2011-02351452	Paraganglioma syndrome associated with succinate dehydrogenase defects: toward the discovery of biomarkers and novel pharmacological therapies	I. O. V.	Clinical	Oncology 2 - Translational Clinical	Oncology	13,5
PE-2011-02347119	Deflecting colon inflammation to cancer transition in favor of tissue repair via mast cells	IST.TUMORI MILANO	Biomedical	Oncology 1 - Basic Translational	Oncology	13,5

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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-Roma	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,5
PE-2011-02348485	From personality to molecular mechanisms through neurocognitive phenotypes: a translational study of liability to compulsive drug-seeking	SANTA LUCIA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,5
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	Biomedical	Oncology 1 - Basic Translational	Oncology	13,5
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'	Clinical	Immunology	Infection and immunity	13,5
PE-2011-02346922	Prevention and Treatment of Hardware Infection Through Titanium Surface Modifications and Improved Wound Healing Through Nanoparticle Delivery Mechanisms	MAUGERI	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies	13,75
PE-2011-02347101	New specific calcium inhibitor BZ194 as potential modulator of Myasthenia Gravis	CARLO BESTA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,75
PE-2011-02346936	Effect of seizures on the severity of epileptic and cognitive phenotypes in a mouse model of Dravet syndrome.	CARLO BESTA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,75

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PE-2011-02350785	Alzheimer's Disease: a new approach to limb apraxia treatment	FATEBENEFRAPELLI	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	13,75
PE-2011-02347863	Nanotechnology-based approach for induction of immune tolerance	Lazio	Biomedical	Bioengineering Sciences and Technologies	Infection and immunity	13,75
PE-2011-02350646	NEUROBIOLOGICAL CORRELATES OF COGNITIVE DYSFUNCTIONS IN MOOD DISORDERS: A MULTIMODAL IMAGING STUDY	Toscana	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	14
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	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies	14
PE-2011-02348679	Development of a personalized medicine of high-risk neuroblastoma and glioblastoma by atomic mass spectrometry-based cytometry	AOU San Martino-IST - Genova	Biomedical	Oncology 2 - Translational Clinical	Oncology	14
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	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	14
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	Biomedical	Oncology 2 - Translational Clinical	Oncology	14

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02349055	The ATM-DAXX pathway in DNA damage response and genomic stability	IST.TUMORI MILANO	Biomedical	Cell Biology	Oncology	14
PE-2011-02347353	INVOLVEMENT OF DLX GENES IN CANCER OF THE FEMALE REPRODUCTIVE TRACT: ELUCIDATING THE ROLE OF NEW PROMISING TUMOR TARGETS.	AOU San Martino-IST - Genova	Biomedical	Oncology 1 - Basic Translational	Oncology	14
PE-2011-02349927	Understanding and treating impairment in automatic movements execution in Parkinson's disease	AOU San Martino-IST - Genova	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	14
PE-2011-02351773	IMPROVING THE TRANSITION FROM CHILD TO ADULT MENTAL HEALTH CARE: A CLUSTER RANDOMIZED TRIAL	FATEBENEFRAPELLI	Clinical	Healthcare Delivery and Methodologies	Neurological diseases	14,5
PE-2011-02348585	Hepatitis B virus, lipoproteins metabolism and immune system interactions: development of new antiviral strategies.	SPALLANZANI	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	14,5
PE-2011-02349784	UNRAVELING MECHANISMS UNDERLYING THE RECOVERY OF WALKING ABILITY IN STROKE SURVIVORS	Emilia-Romagna	Clinical	Emerging Technologies and Training in Neurosciences	Neurological diseases	14,5
PE-2011-02350162	Regenerative Surgery for maxillary bones	Campania	Clinical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies	14,5
PE-2011-02351914	A PROSPECTIVE OBSERVATIONAL STUDY IN ELDERLY PATIENTS WITH DELIRIUM SUPERIMPOSED ON DEMENTIA	FATEBENEFRAPELLI	Clinical	Biology of Development and Aging	Neurological diseases	14,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Biomedical	Oncology 2 - Translational Clinical	Oncology	14,5
PE-2011-02346758	Immunoscreening: simultaneous quantification of TRECs and KRECs for newborn screening of T- and/or B-cell deficiencies	Lombardia	Clinical	Immunology	Infection and immunity	14,5
PE-2011-02347435	Role of lipid rafts in the immune response to fungal infections	ISS	Biomedical	Immunology	Infection and immunity	14,5
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	Biomedical	Cell Biology	The new biotechnologies	14,5
PE-2011-02347251	Assessing the role of anti-endothelial autoantibodies and endothelial cell dysfunction in the pathogenesis of idiopathic thromboembolism	HUMANITAS	Biomedical	Immunology	Metabolism disorders and cardiovascular disease	14,5
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	Biomedical	Immunology	Infection and immunity	14,5
PE-2011-02350184	Metabolic, Anatomical and Connectivity subtyping of behavioral variant Frontotemporal Degeneration	AOU San Martino-IST - Genova	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	14,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02347248	ADIPONECTIN: NEW TOOL FOR THERAPEUTIC STRATEGY IN MULTIPLE SCLEROSIS	DON GNOCCHI	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	14,5
PE-2011-02352572	Influence of Insulin Resistance on plaque development in patients affected by cardiovascular disease	SAN RAFFAELE Milano	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease	14,75
PE-2011-02350361	Exploiting the Nampt addiction in Multiple Myeloma as innovative approach for overcoming chemotherapy resistance	AOU San Martino-IST - Genova	Biomedical	Oncology 1 - Basic Translational	Oncology	15
PE-2011-02348594	Pathophysiological role of the renal cachexia mediator Myostatin in acute atherosclerotic diseases	AOU San Martino-IST - Genova	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	15
PE-2011-02350513	Immunogenetics of fungal infections : a system biology approach for discovery and therapy	Umbria	Biomedical	Immunology	Infection and immunity	15
PE-2011-02348474	Identification of CLIC1 as a novel plasma biomarker for human Glioblastoma	I.E.O.	Biomedical	Oncology 1 - Basic Translational	Oncology	15
PE-2011-02348643	Myocardial Toll-like receptors in human myocarditis.	SAN RAFFAELE Pisana-Roma	Clinical	Cardiovascular and Respiratory Sciences	Infection and immunity	15
PE-2011-02349453	Validation of biocompatible nanoparticles as delivery system of antisense oligoribonucleotides for exon-skipping mediated therapies for neuromuscular disorders.	OSPEDALE BAMBINO GESU'	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies	15

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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).	IST.TUMORI MILANO	Biomedical	Oncology 1 - Basic Translational	Oncology	15
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	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	The new biotechnologies	15
PE-2011-02348077	Role of Ezh2 in DNA damage response	REGINA ELENA	Biomedical	Cell Biology	Oncology	15
PE-2011-02350622	LL37 as a novel autoantigen in autoimmunity: a study in psoriasis and related spondyloarthropathies as base for therapeutich immune-pharmacological intervention	ISS	Biomedical	Immunology	Infection and immunity	15
PE-2011-02351060	Enhancement of bone fracture repair in a mouse model using controlled delivery of novel small molecules	SDN	Biomedical	Bioengineering Sciences and Technologies	The new biotechnologies	15
PE-2011-02352492	Sarcopenia and Myosteatosi Investigation in Metabolic and Endocrine Disorders (SMIMED)	Piemonte	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	15,25

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Clinical	Infectious Diseases and Microbiology	Infection and immunity	15,25
PE-2011-02347185	THERapeutically relevant STEM cells for cell-based treatment of beta haemoGLOBinopathies by lentiviral and homologous recombination gene therapies (THERSTEMGLOB)	Liguria	Biomedical	Genes, Genomes and Genetics	Metabolism disorders and cardiovascular disease	15,25
PE-2011-02350375	ONCOEPILEPSY: A NEW TRASLATIONAL STUDY AND APPROACH: FROM CELLS TO HUMAN FOR A NEW TAILORED THERAPY	REGINA ELENA	Biomedical	Brain Disorders and Clinical Neuroscience	Oncology	15,5
PE-2011-02348731	MICROENVIRNOMENT AND CHROMOSOMAL INSTABILITY IN HEPATOCELLULAR CARCINOMA PROGRESSION: EPIGENETIC DETERMINANTS	Toscana	Biomedical	Digestive, Kidney and Urological Systems	Oncology	15,5
PE-2011-02352145	Assessing neuromuscular mechanisms in post-stroke patients for advanced rehabilitation methodologies	S.CAMILLO	Clinical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases	15,5
PE-2011-02352704	Role of Mesenchymal stem cell derived microvesicles and of miRNA network in beta cell function and in epigenetic reprogramming	Piemonte	Biomedical	Immunology	Infection and immunity	15,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02349023	A Novel, Computer-Based Framework for Automatic Classification of Colorectal Lesions Detected by Endoscopy	Sicilia	Biomedical	Oncology 2 - Translational Clinical	Oncology	15,5
PE-2011-02351716	MicroRNA-mediated CSPG4 silencing for the treatment of melanoma	IRST Meldola	Biomedical	Oncology 1 - Basic Translational	Oncology	16
PE-2011-02349951	Novel mechanisms of immune-regulation mediated by T regulatory cells	SAN RAFFAELE Milano	Biomedical	Immunology	Infection and immunity	16
PE-2011-02347699	Dissecting the phenotypic heterogeneity of human melanoma: building the rationale for therapeutic vaccines overcoming intratumor heterogeneity.	IRST Meldola	Biomedical	Oncology 2 - Translational Clinical	Oncology	16
PE-2011-02346869	The use of antisense oligonucleotides to PTPN22 gene variant conjugated to immuno-liposomes as a novel therapeutic approach in type 1 diabetes and autoimmune polyendocrine syndrome type 3 variant	OSPEDALE BAMBINO GESU'	Clinical	Immunology	Infection and immunity	16
PE-2011-02351971	Cerebellar role in the genesis of Impulse Control Disorders	SANTA LUCIA	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	16
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.	AOU San Martino-IST - Genova	Biomedical	Immunology	The new biotechnologies	16

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Clinical	Brain Disorders and Clinical Neuroscience	Oncology	16
PE-2011-02347911	Preclinical studies to validate the efficacy of exemestane in the treatment of mesothelioma	REGINA ELENA	Biomedical	Oncology 2 - Translational Clinical	Oncology	16,25
PE-2011-02348721	Prenatal factors, DNA cord blood genome-wide methylation and respiratory infections, wheezing and asthma from infancy through early childhood.	ISS	Biomedical	Genes, Genomes and Genetics	Infection and immunity	16,25
PE-2011-02347240	Lipid raft and caveolin-1 -dependent stroma/epithelium cross talk in prostate cancer progression: diagnostic and therapeutic implications.	Toscana	Biomedical	Oncology 1 - Basic Translational	Oncology	16,25
PE-2011-02351163	Modulation of the inflammation effects on 3D microstructure organization of the vessel wall in atherosclerosis	SAN RAFFAELE Milano	Biomedical	Vascular and Hematology	Metabolism disorders and cardiovascular disease	16,5
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	Clinical	Oncology 2 - Translational Clinical	Oncology	16,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases	16,5
PE-2011-02347593	Evaluation of the diagnostic and therapeutic potential of novel human recombinant antibodies in solid tumors.	AOU San Martino-IST - Genova	Biomedical	Oncology 2 - Translational Clinical	Oncology	16,5
PE-2011-02349132	ROLE OF ROTAVIRUS INFECTION IN THE PATHOGENESIS OF CELIAC DISEASE	ISS	Biomedical	Digestive, Kidney and Urological Systems	Infection and immunity	16,5
PE-2011-02350166	Role of transcription factor Nrf2 in innate and adaptive immune responses in pediatric respiratory viral infections	MAGGIORE	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	16,5
PE-2011-02349420	Advanced cell therapy of muscular dystrophy: a tissue engineering based combination approach.	MULTIMEDICA	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies	16,5
PE-2011-02347331	Serum microRNAs and flow cytometry as a novel approach for supporting clinical management of monoclonal gammopathies	Lombardia	Clinical	Oncology 2 - Translational Clinical	Oncology	16,5
PE-2011-02347146	Cancers following solid organ transplant: assessment of risk and identification of biomarkers associated with clinical course	C.R.O. AVIANO	Biomedical	Oncology 1 - Basic Translational	Oncology	16,5
PE-2011-02347357	Cellular and molecular determinants of myxomatous mitral valve prolapse	MONZINO	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	17

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-0234916	Autophagy, regeneration and Duchenne Muscular Dystrophy: role as modulator of disease progression and response to HDAC inhibitors	SANTA LUCIA	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases	17
PE-2011-02348325	Prenatal and early postnatal predictors of childhood obesity	Piemonte	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	17
PE-2011-02350384	Expression and Proteomic analyses in Cutaneous T Cell Lymphomas	IDI	Biomedical	Oncology 1 - Basic Translational	Oncology	17
PE-2011-02348596	Use of polymeric nanoparticles (PLGA-NPs) overcoming the blood-brain barrier to treat the mouse model of Krabbe Disease	BURLO GAROFALO	Biomedical	Bioengineering Sciences and Technologies	Neurological diseases	17
PE-2011-02352491	The evaluation of viral and bacterial colonization and infection in patients with non-cystic fibrosis bronchiectasis	Lombardia	Biomedical	Cardiovascular and Respiratory Sciences	Infection and immunity	17,25
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	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	17,25
PE-2011-02351298	Study of breast cancer progression, metastasis initiation and response to therapy on three dimensional biomimetic scaffolds	IRST Meldola	Biomedical	Bioengineering Sciences and Technologies	Oncology	17,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02347075	IN PURSUIT OF NOVEL THERAPEUTIC STRATEGIES FOR NON-ALCOHOLIC FATTY LIVER DISEASE: UNDERSTANDING THE ROLE OF LITAF PROTEIN.	OSPEDALE BAMBINO GESU'	Biomedical	Digestive, Kidney and Urological Systems	Metabolism disorders and cardiovascular disease	17,5
PE-2011-02348884	Investigation of determinants of sensitivity/resistance to HER2 targeting agents in HER2 overexpressing breast cancers	Piemonte	Biomedical	Oncology 2 - Translational Clinical	Oncology	17,5
PE-2011-02346992	Molecular and immunological elements involved in HCV-associated lymphoproliferative disorders	SAN MATTEO	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	17,5
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	AOU San Martino-IST - Genova	Biomedical	Immunology	Oncology	17,5
PE-2011-02347098	In vitro functional studies of p27 genetic variants discovered in patients with MEN4 and MEN1 like syndrome	Emilia-Romagna	Biomedical	Oncology 1 - Basic Translational	Oncology	17,5
PE-2011-02350837	Computational tools shared on the net for the Quality Assurance of Intensity Modulated Arc Therapy	REGINA ELENA	Clinical	Healthcare Delivery and Methodologies	Oncology	17,5
PE-2011-02348361	Leptin, an adipocyte-derived hormone, as a novel tool for the modulation of the innate and adaptive immune responses in tuberculosis	ISS	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	17,75

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Food safety and animal welfare	18
PE-2011-02347520	Effect of dietary components on diabetes renal complications: the link with oxidative stress	Toscana	Biomedical	Endocrinology, Metabolism, Nutrition and Reproductive Sciences	Metabolism disorders and cardiovascular disease	18
PE-2011-02348941	Novel multi-scale approach to 3D cancer models for the discovery of new therapeutic strategies for bone metastases	GALEAZZI	Biomedical	Oncology 1 - Basic Translational	Oncology	18
PE-2011-02349468	Hyaluronic Acid (HA) as a novel adjuvant for single-dose vaccination and immunoglobulin carrier for post-exposure immunisation in rabies infection.	IZS Venezia	Biomedical	Immunology	Infection and immunity	18
PE-2011-02349884	Role of Human Papilloma virus infection in head and neck cancer.	I.E.O.	Biomedical	Infectious Diseases and Microbiology	Oncology	18
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	Biomedical	Oncology 2 - Translational Clinical	Oncology	18
PE-2011-02347349	Role of relaxin in bone metastasis	Veneto	Biomedical	Oncology 1 - Basic Translational	Oncology	18

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02347704	Human Adipose Stromal Stem Cells for Ischemic Stroke Treatment	SAN RAFFAELE Pisana-Roma	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	18
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	Biomedical	Surgical Sciences, Biomedical Imaging, and Bioengineering	Infection and immunity	18
PE-2011-02352347	PPARgamma receptors as a treatment target for opioid addiction. Focus on Pioglitazone repurposing.	Piemonte	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	18
PE-2011-02349059	Regulation of Mucosal Barrier Function in Airway Inflammation and Asthma by Zonulin	Campania	Biomedical	Cardiovascular and Respiratory Sciences	Diseases of environmental origin, with reference also to the workplace	18
PE-2011-02349904	Understanding and treating impairment in automatic movements execution in Parkinson's disease.	DON GNOCCHI	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	18,25
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	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies	18,25
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	Biomedical	Oncology 2 - Translational Clinical	Oncology	18,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02348503	Targeting drug resistance pathways in quiescent cancer stem cells	ISS	Biomedical	Oncology 2 - Translational Clinical	Oncology	18,5
PE-2011-02350563	Analysis of blood dendritic cells in Alzheimer's disease patients	SANTA LUCIA	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	18,5
PE-2011-02351957	Development and validation of an innovative organomorphic scaffold to treat non-union /pseudoarthrosis lesions of long bones	RIZZOLI	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies	19
PE-2011-02350367	Role of platelet activation in inflammatory bowel disease and intestinal tumorigenesis	Lazio	Biomedical	Digestive, Kidney and Urological Systems	Oncology	19
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	Clinical	Population Sciences and Epidemiology	Oncology	19
PE-2011-02352342	A neurophenomic approach for the study of gene x environment interactions in animal models of pathological aggression	SANTA LUCIA	Biomedical	Biobehavioral and Behavioral Processes	Neurological diseases	19
PE-2011-02347900	Ceruloplasmin deamidation in cerebrospinal fluid of Parkinson's disease: gain of pro-adhesive function	SAN RAFFAELE Milano	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	19
PE-2011-02349554	Optoelectronic retinal prosthesis: the astrocyte approach to visual restoration	Toscana	Biomedical	Emerging Technologies and Training in Neurosciences	Neurological diseases	19

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02348974	Re-programming Human Cord and Peripheral Blood Cells to Pluripotency	MULTIMEDICA	Biomedical	Cell Biology	The new biotechnologies	19
PE-2011-02349234	Whole exome sequencing approach to detect new mutations in congenital muscular dystrophies	CARLO BESTA	Biomedical	Musculoskeletal, Oral and Skin Sciences	Neurological diseases	19
PE-2011-02351771	Investigations on the multifaceted role of Enhancer of Zeste 2 (EZH2) in glioblastoma biology	CARLO BESTA	Biomedical	Oncology 1 - Basic Translational	Oncology	19,5
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	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases	19,5
PE-2011-02348014	BRAIN AGING: IS IT POSSIBLE TO AVOID DEMENTIA?	Toscana	Clinical	Population Sciences and Epidemiology	Neurological diseases	19,5
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	Biomedical	Population Sciences and Epidemiology	Diseases of environmental origin, with reference also to the workplace	19,5
PE-2011-02347222	Genomic and proteomic biomarkers in patients with aneurismal subarachnoid hemorrhage.	Sicilia	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	19,5
PE-2011-02351393	Urinary proteomics and tissue genomic profiling for a novel combined approach to renal cancer.	Lombardia	Biomedical	Oncology 2 - Translational Clinical	Oncology	19,75

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02349074	Modulation of pharmacogenomic and pharmacodynamic biomarkers of glucose metabolism by metronomic chemotherapy and antiangiogenic drugs in preclinical and clinical settings	Toscana	Biomedical	Oncology 2 - Translational Clinical	Oncology	19,75
PE-2011-02348840	Role of porin B sequence variability in the host immune responses and pathogenesis of Neisseria infections	ISS	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	20
PE-2011-02347518	PRE-CLINICAL EVALUATIONS OF CELL THERAPY FOR OSTEOARTHRITIS TREATMENT	RIZZOLI	Biomedical	Musculoskeletal, Oral and Skin Sciences	The new biotechnologies	20
PE-2011-02348647	Optimizing cervical cancer screening in Italy: a model-based approach	Piemonte	Biomedical	Healthcare Delivery and Methodologies	Oncology	20,25
PE-2011-02348687	Proteins and genes in Frontotemporal lobar degeneration: novel diagnostic tools and their implication for families	FATEBENEFRATELLI	Biomedical	Genes, Genomes and Genetics	Neurological diseases	20,25
PE-2011-02349193	The Efficacy and Population Pharmacokinetics/Pharmacogenomics of a Reduced Dose of Tranexamic Acid for Craniosynostosis Surgery; A Multi Center, Double-blind, RCT.	GASLINI	Clinical	Cardiovascular and Respiratory Sciences	Neurological diseases	20,5
PE-2011-02346927	Characterization and functions of ROR γ + IL22-producing innate lymphoid cells in neoplastic and autoimmune human diseases	Sicilia	Biomedical	Immunology	Oncology	20,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02349900	CHOLESTEROL ESTERIFICATION, COGNITIVE FUNCTION, AND MENTAL ILLNESS: A LESSON FROM GENETIC LCAT DEFICIENCY	Lombardia	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	20,5
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	Biomedical	Biology of Development and Aging	Neurological diseases	20,5
PE-2011-02349397	NGS TECHNOLOGIES AND microRNAs APPROACH TO UNRAVEL HEREDITARY MULTIPLE OSTEOCHONDROMAS PATHOGENESIS	RIZZOLI	Biomedical	Genes, Genomes and Genetics	The new biotechnologies	20,5
PE-2011-02347623	Evaluation of Default Mode Network in prediction of disorders of consciousness clinical prognosis	Campania	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	21
PE-2011-02351916	Chronic immune activation in systemic autoimmune diseases and chronic viral infections	Lazio	Biomedical	Immunology	Infection and immunity	21
PE-2011-02349355	Plasma/serum microRNAs as biomarkers in colorectal cancer.	REGINA ELENA	Clinical	Oncology 2 - Translational Clinical	Oncology	21,5
PE-2011-02351824	Bioengineering of TAVI	ISS	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	21,5

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Biomedical	Molecular, Cellular, and Developmental Neuroscience	Neurological diseases	21,5
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	Biomedical	Cardiovascular and Respiratory Sciences	The new biotechnologies	21,75
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	Biomedical	Oncology 2 - Translational Clinical	Oncology	22
PE-2011-02351248	Clinical impact of Lung-MRI in the management of Cystic Fibrosis patients with suspected pulmonary infection	Veneto	Clinical	Cardiovascular and Respiratory Sciences	Infection and immunity	23,5
PE-2011-02349832	Molecular dissection of the mechanism at the basis of HCV-mediated liver chronic inflammation and IFNa-based HCV-treatment failure	SPALLANZANI	Biomedical	Infectious Diseases and Microbiology	Infection and immunity	24
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.	ISS	Biomedical	AIDS and Related Research	Infection and immunity	24,25

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
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	Clinical	Brain Disorders and Clinical Neuroscience	Neurological diseases	24,25
PE-2011-02351244	Clinical evaluation of endoscopic skull base surgery: prospective, multicentre evaluation of patients' outcome and quality of life	Lombardia	Clinical	Emerging Technologies and Training in Neurosciences	Oncology	24,5
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-Roma	Clinical	Oncology 2 - Translational Clinical	Oncology	24,5
PE-2011-02350932	MODULATION of T REGULATORY CELLS IN ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION by T CELL-SPECIFIC POLYCLONAL ANTIBODIES.	Emilia-Romagna	Biomedical	Immunology	Oncology	24,5
PE-2011-02350529	Assessment and practical implementation of the new 2011 GOLD guidelines for COPD (APIGOLD project)	Umbria	Clinical	Population Sciences and Epidemiology	Diseases of environmental origin, with reference also to the workplace	24,5
PE-2011-02350039	UNLOAD: Untangling the role of cell senescence in a murine model of late-onset Alzheimer Disease	I.N.R.C.A.	Biomedical	Biology of Development and Aging	Neurological diseases	25
PE-2011-02350966	Aldosterone effects on atherosclerotic plaque destabilization in coronary artery disease patients.	Veneto	Clinical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	25

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CODICE	PROGETTO	DESTINATARIO ISTITUZIONALE	Tipologia	Classificazione 1 Liv.	AREA STRATEGICA	SCORE.
PE-2011-02351434	Agonist activity of type 3 muscarinic receptor auto-antibodies (M ₃ -aabs) in patients with Sjögrens Syndrome: effects on salivary gland function	Piemonte	Clinical	Immunology	Infection and immunity	26
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	Biomedical	Brain Disorders and Clinical Neuroscience	Neurological diseases	28
PE-2011-02349117	Role of the biological clock in the mechanisms of myocardial stress dependent on non-alcoholic fatty liver disease	CASA SOLLIEVO SOFFERENZA	Biomedical	Cardiovascular and Respiratory Sciences	Metabolism disorders and cardiovascular disease	30