

BANDO PNRR M6/C2 2023  
GRADUATORIA DI MERITO SCIENTIFICO  
PROGETTI PROOF OF CONCEPT (POC)

Rank	MDC	Codice progetto	Destinatario Istituzionale	Titolo progetto	Valid Score	Budget richiesto	Finanziamento concesso	Finanziamento residuo
1	Cardiologia-Pneumologia	PNRR-POC-2023-12376976	MAUGERI	Exploiting a Xanthinic Scaffold for HSP90 Inhibitors: Targeting Inflammation and Cellular Senescence.	7,00	1.000.000,00 €	1.000.000,00 €	63.836.808,12 €
2	Trapiantologia	PNRR-POC-2023-12377340	FONDAZIONE GEMELLI	3D bio-printed scaffolds populated with patient-derived mesenchymal cells for tissue regeneration of post-surgical defects of the gastrointestinal tract	9,00	1.000.000,00 €	1.000.000,00 €	62.836.808,12 €
3	Nefrologia e Urologia	PNRR-POC-2023-12377493	SAN RAFFAELE MILANO	CAT-VHL - Exploring the role of Carbonic Anhydrase IX as diagnostic and Theranostic target in Von-Hippel Lindau disease	9,00	1.000.000,00 €	1.000.000,00 €	61.836.808,12 €
4	Neurologia	PNRR-POC-2023-12378222	FONDAZIONE GEMELLI	A dopable bioink for augmented tissue engineering in craniofacial reconstruction: innovative pipeline for drug design and selective delivery through functionalized polymeric nanoparticles.	9,50	1.000.000,00 €	1.000.000,00 €	60.836.808,12 €
5	Endocrinologia	PNRR-POC-2023-12378163	Emilia-Romagna	MIRAGE: MicroRNA-targeted imaging for monitoring and prognostic stratification in neuroendocrine tumors	9,50	1.000.000,00 €	1.000.000,00 €	59.836.808,12 €
6	Neurologia	PNRR-POC-2023-12377196	Veneto	Therapeutic development (TRL4) of muscle specific microRNAs for Kennedy's disease.	10,00	1.000.000,00 €	1.000.000,00 €	58.836.808,12 €
7	Otorinolaringoiatria e Odontoiatria	PNRR-POC-2023-12377924	Toscana	Biomanufacturing of advanced tissues and devices for middle ear surgery (MAGIC-EAR)	10,50	1.000.000,00 €	1.000.000,00 €	57.836.808,12 €
8	Oncologia	PNRR-POC-2023-12378288	Istituto Oncologico Candiolo	The function of the SMYD3 methyltransferase in colorectal cancer stem cells: from mechanisms to therapies	10,50	650.000,00 €	650.000,00 €	57.186.808,12 €
9	Neurologia	PNRR-POC-2023-12377653	GASLINI	Advanced multi-omic and -system approaches to identify novel biomarkers for SMA	10,50	1.000.000,00 €	1.000.000,00 €	56.186.808,12 €
10	Diagnostica	PNRR-POC-2023-12378333	Campania	Augmented-RObotic Gross Examination for solid tumors (A-ROGER)	11,00	997.095,00 €	997.095,00 €	55.189.713,12 €
11	Endocrinologia	PNRR-POC-2023-12378009	Toscana	Phosphate restriction and musculoskeletal health: an innovative bench to bed-side approach	11,50	677.351,00 €	677.351,00 €	54.512.362,12 €
12	Oncologia	PNRR-POC-2023-12377609	I.E.O.	Early Drug Discovery to identify novel inhibitors of Prenylcysteine oxidase 1 (PCYOX1), a novel target in cardiology and oncology.	11,50	1.000.000,00 €	1.000.000,00 €	53.512.362,12 €

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13	Neurologia	PNRR-POC-2023-12377657	CARLO BESTA	FESS - Fluorescence enhanced stereotactic surgery	12,00	1.000.000,00 €	1.000.000,00 €	52.512.362,12 €
14	Oncologia	PNRR-POC-2023-12377841	RIZZOLI	Scale-up the industrial development of CD99-null exTracellular vesicles (EVs) As theRapeutic Tools by using Ewing sarcoma as prototype (START)	12,00	996.609,00 €	996.609,00 €	51.515.753,12 €
15	Diagnostica	PNRR-POC-2023-12377354	MAGGIORE	Functionalized Point of Care and 3D printed dental aligners as devices for early detection of neurodegenerative diseases	12,50	700.000,00 €	700.000,00 €	50.815.753,12 €
16	Oncologia	PNRR-POC-2023-12378165	HUMANITAS	A PROOF OF CONCEPT CLINICAL TRIAL OF COMBINATION OF IMMUNE CHECKPOINT INHIBITION AND MICROBIOTA-DERIVED POSTBIOTIC IN TRIPLE NEGATIVE BREAST CANCER PATIENTS	12,50	1.000.000,00 €	1.000.000,00 €	49.815.753,12 €
17	Trapiantologia	PNRR-POC-2023-12377358	MAGGIORE	A.N.K.O.R.A.G.E.: Activation of Klotho prOduction foR inflammAging's Graft prEservation	13,00	854.086,02 €	854.086,02 €	48.961.667,10 €
18	Cardiologia-Pneumologia	PNRR-POC-2023-12377023	SAN DONATO	A monitoring system based on the Multifactorial Dynamic Perfusion Index to predict and prevent the onset of postoperative acute kidney injury after cardiac surgery, based on a dynamic collection of hemodynamic and clinical parameters during cardiopulmonary bypass	13,00	920.000,00 €	920.000,00 €	48.041.667,10 €
19	Ematologia e Immunologia	PNRR-POC-2023-12378393	Veneto	The impact of a novel therapeutic approach for inherited erythroid disorders based on the precise editing of the TFR2 gene	13,00	996.420,00 €	996.420,00 €	47.045.247,10 €
20	Endocrinologia	PNRR-POC-2023-12377828	MULTIMEDICA	Neuromodulation Methodologies to Treat Obesity and Type 2 Diabetes	13,00	985.000,00 €	985.000,00 €	46.060.247,10 €
21	Nefrologia e Urologia	PNRR-POC-2023-12378233	Veneto	Nanotechnology for image-guided surgery: clinical validation of a novel fluorescent compound (nanoLDH-ICG@hydrogel) to visualize prostate cancer during robot-assisted radical prostatectomy.	13,50	1.000.000,00 €	1.000.000,00 €	45.060.247,10 €
22	Trapiantologia	PNRR-POC-2023-12377847	SAN MATTEO	Pre-clinical development and patenting of a cellular product based on leukemia multiantigen-specific T cells to form a repository of third-party allogeneic advanced therapy medicinal products for future use in the prevention of acute myeloid leukemia relapse after allogeneic stem cell transplantation.	13,50	1.000.000,00 €	1.000.000,00 €	44.060.247,10 €

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23	Oculistica	PNRR-POC-2023-12378248	Campania	Rescuing eyes from nonsense: a precision medicine approach to rescue stop mutation in hereditary ocular diseases by translational readthrough inducing drugs (TRIDs)	13,50	950.000,00 €	950.000,00 €	43.110.247,10 €
24	Cardiologia-Pneumologia	PNRR-POC-2023-12377827	SAN GERARDO	Development and validation of novel methods for lung ultrasound data acquisition and processing for the phenotyping and personalized management of neonatal lung disease	13,50	1.000.000,00 €	1.000.000,00 €	42.110.247,10 €
25	Gastroenterologia	PNRR-POC-2023-12378394	ISMETT	Benign and malignant esophageal stricture, an innovative approach to address an unmet clinical need: a biohybrid polymer - extracellular matrix, drug-eluting, esophageal prosthesis able to provide sustained mechanical support, actively prevent re-stenosis and induce constructive tissue remodeling.	14,00	694.000,00 €	694.000,00 €	41.416.247,10 €
26	Oncologia	PNRR-POC-2023-12377318	PASCALE	Radiolabeled FPR1 Inhibitors for a Theranostic Application on Solid Tumors-RITAST	14,00	1.000.000,00 €	1.000.000,00 €	40.416.247,10 €
27	Ortopedia	PNRR-POC-2023-12378461	RIZZOLI	SUSTAINABLE INNOVATION WITH A METHOD BASED ON PERIPHERAL MONONUCLEAR CELLS TO SCREEN, MONITOR AND STRATIFY THE POPULATION AT RISK OF OSTEOPOROSIS AND FRACTURES - DISCERN	14,00	672.350,00 €	672.350,00 €	39.743.897,10 €
28	Nefrologia e Urologia	PNRR-POC-2023-12378177	MAGGIORE	DEVELOPMENT OF CALCIUM CARBONATE-ENRICHED CHEESE TO IMPROVE NUTRITION, COMPLIANCE AND PHOSPHORUS CONTROL IN PATIENTS WITH CHRONIC KIDNEY DISEASE	14,00	937.473,12 €	937.473,12 €	38.806.423,98 €
29	Ematologia e Immunologia	PNRR-POC-2023-12377131	OSPEDALE BAMBINO GESU'	Nectin-1 as a new specific diagnostic and therapeutic marker for polymorphonuclear myeloid-derived suppressor cells (PMN-MDSC)	14,00	1.000.000,00 €	1.000.000,00 €	37.806.423,98 €
30	Malattie Infettive	PNRR-POC-2023-12377826	Lombardia	SPARROW: Seeking Preemptive Antiviral Responses and Rapid diagnostic tools for West Nile Virus Outbreaks in One Health Approach.	14,00	997.746,00 €	997.746,00 €	36.808.677,98 €
31	Oncologia	PNRR-POC-2023-12377322	CASA SOLLIEVO SOFFERENZA	TOGLER: Theranostics for aggressive Lung cancer	14,50	1.000.000,00 €	1.000.000,00 €	35.808.677,98 €
32	Pediatria	PNRR-POC-2023-12377470	GASLINI	Combining gene editing and iPS to study and treat monogenic autoinflammatory diseases	15,00	700.000,00 €	700.000,00 €	35.108.677,98 €

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33	Oncologia	PNRR-POC-2023-12377476	REGINA ELENA	MIRNA-based therapeutic approach to fight triple negative breast cancer	<b>15,00</b>	1.000.000,00 €	1.000.000,00 €	34.108.677,98 €
34	Otorinolaringoiatria e Odontoiatria	PNRR-POC-2023-12377964	FONDAZIONE GEMELLI	NEUROSCENT: Objective Olfactory Assessment through AIOT Edge Classification of Electroencefalographic Measurements	<b>15,00</b>	1.000.000,00 €	1.000.000,00 €	33.108.677,98 €
35	Oncologia	PNRR-POC-2023-12377901	Lazio	Development of Innovative Personalized Idiotype mRNA-Based Dendritic Cells and Lipid Nanoparticle Vaccines, for Indolent B-Cell Lymphomas and Chronic Lymphocytic Leukemias	<b>15,50</b>	998.845,00 €	998.845,00 €	32.109.832,98 €
36	Cardiologia-Pneumologia	PNRR-POC-2023-12377193	SAN RAFFAELE MILANO	Technological and patient-tailored Innovations for Maximizing Effectiveness of Cardiac Arrest Resuscitation: the TIME-CARE project	<b>15,50</b>	980.000,00 €	980.000,00 €	31.129.832,98 €
37	Cardiologia-Pneumologia	PNRR-POC-2023-12377011	Emilia-Romagna	TREATMENT OF VENOUS OBSTRUCTION ASSOCIATED WITH AUDIO-VESTIBULAR DISORDERS BY THE MEANS OF AN INNOVATIVE STENT.	<b>16,00</b>	999.303,00 €	999.303,00 €	30.130.529,98 €
38	Otorinolaringoiatria e Odontoiatria	PNRR-POC-2023-12377472	FONDAZIONE GEMELLI	Artificial Intelligence-based Voice assessment of children and adults with acute and chronic respiratory conditions: diagnostic and prognostic role	<b>16,50</b>	1.000.000,00 €	1.000.000,00 €	29.130.529,98 €
39	Oncologia	PNRR-POC-2023-12377405	Istituto Scientifico Romagnolo	DEVELOPMENT OF NOVEL ANTICANCER THERAPEUTIC AGENTS TARGETING THE POSTTRANSCRIPTIONAL REGULATOR RNA-BINDING PROTEIN (BEN-HuR)	<b>17,00</b>	1.000.000,00 €	1.000.000,00 €	28.130.529,98 €
40	Cardiologia-Pneumologia	PNRR-POC-2023-12378388	SAN DONATO	Unveiling the Genetic Landscape of Brugada Syndrome: Novel Biomarker Discovery for Precise Diagnosis	<b>17,50</b>	970.000,00 €	970.000,00 €	27.160.529,98 €
41	Ematologia e Immunologia	PNRR-POC-2023-12378351	Puglia	Bicycle peptide inhibitors of Urokinase Plasminogen Activators (uPA) for the treatment of chronic arthritis	<b>18,00</b>	750.000,00 €	750.000,00 €	26.410.529,98 €
42	Oncologia	PNRR-POC-2023-12377415	C.R.O. AVIANO	A NOVEL NANOPHARMACEUTICAL FORMULATION FOR THE TREATMENT OF SOLID TUMORS	<b>18,00</b>	1.000.000,00 €	1.000.000,00 €	25.410.529,98 €
43	Ematologia e Immunologia	PNRR-POC-2023-12377396	Piemonte	Implementation of Diagnostic tools combining mutation and Expression analysis of biomarkers for precision medicine application in Acute Myeloid Leukemia (IDEALLY)	<b>18,00</b>	1.000.000,00 €	1.000.000,00 €	24.410.529,98 €

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44	Cardiologia-Pneumologia	PNRR-POC-2023-12378186	ISMETT	A new versatile technological Bioartificial drug-eluting caRdiac pAtch to preVENT HEART failure: from clinically-oriented de-risking activity to the industrial prototyping and preclinical validation (BRAVEHEART)	19,00	1.000.000,00 €	1.000.000,00 €	23.410.529,98 €
45	Gastroenterologia	PNRR-POC-2023-12377143	DE BELLIS	Proteoglycan-4 as adjuvant treatment to overcome resistance to Sorafenib and Regorafenib in patients with Hepatocellular carcinoma	19,00	1.000.000,00 €	1.000.000,00 €	22.410.529,98 €
46	Oncologia	PNRR-POC-2023-12378113	ISTITUTO TUMORI MILANO	A composite assay for HER2-positive early-stage breast cancer management	19,00	960.000,00 €	960.000,00 €	21.450.529,98 €
47	Riabilitazione	PNRR-POC-2023-12377627	SANTA LUCIA	Endowing mainstream Assistive Technology solutions with Brain-Computer Interfaces for personalized access to digital communication and interaction in people with severe motor disability - AT-BCI	19,00	880.000,00 €	880.000,00 €	20.570.529,98 €
48	Oncologia	PNRR-POC-2023-12377696	RIZZOLI	Innovative drug delivery nanophotonic platform for implementation of sarcomas therapy (DEEPLY)	19,50	1.000.000,00 €	1.000.000,00 €	19.570.529,98 €
49	Neurologia	PNRR-POC-2023-12377141	DON GNOCCHI	An innovative method on SALiva samples for the early differential diagnosis of high-impact NeuroDegenerative diseases through Raman spectroscopy (SANDY)	20,00	995.000,00 €	995.000,00 €	18.575.529,98 €
50	Gastroenterologia	PNRR-POC-2023-12377319	FONDAZIONE GEMELLI	A non-invasive gut microbiome-based diagnostic tool for the screening of colorectal cancer	20,00	1.000.000,00 €	1.000.000,00 €	17.575.529,98 €
51	Ortopedia	PNRR-POC-2023-12378291	FONDAZIONE GEMELLI	The diagnostic pillar for diagnosis of infections in the orthopedic field: Smart and sustainable paper-based electrochemical point-of-care device assisted by artificial intelligence	20,00	1.000.000,00 €	1.000.000,00 €	16.575.529,98 €
52	Ematologia e Immunologia	PNRR-POC-2023-12377326	I.O.V.	Identification of targetable vulnerabilities in redox homeostasis pathways as a novel therapeutic approach for human T-cell malignancies	20,00	999.000,00 €	999.000,00 €	15.576.529,98 €
53	Riabilitazione	PNRR-POC-2023-12377195	DON GNOCCHI	The intelligent Consciousness Multimodal Assessment System: an innovative diagnosis-support system based on the integration of clinical, neurophysiological and neurovegetative correlates of consciousness in patients with prolonged disorders of consciousness using artificial intelligence algorithms (CoMAS)	20,50	929.170,00 €	NON FINANZIATO	
54	Diagnostica	PNRR-POC-2023-12377108	Lazio	Organoids as a Preclinical Model for LIPOdystrophy DRug TestING and Toxicity Assessment (OLIPODRING)	20,50	999.970,00 €	NON FINANZIATO	

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55	Diagnostica	PNRR-POC-2023-12377399	Lazio	Ambulatory minimally invasive colectomies: implementation and validation of a novel standardised multi-step protocol	<b>20,50</b>	1.000.000,00 €	NON FINANZIATO	
56	Oncologia	PNRR-POC-2023-12377717	Abruzzo	Realization of a complex multidisciplinary network focused to identification of cancer patients and unpatients carrying genetic predisposition to breast and colon cancer, to proper and efficient clinical management of Therapeutic and Preventive Pathways of Breast and Colon Cancers and integrated organization between Hospitals and diffuse Territorial Ambulatories.	<b>21,00</b>	550.000,00 €	NON FINANZIATO	
57	Nefrologia e Urologia	PNRR-POC-2023-12378229	Lazio	The effect of innovative formulations of nutraceuticals in the treatment of Heart Failure with preserved Ejection Fraction (HFpEF)	<b>21,00</b>	998.999,99 €	NON FINANZIATO	
58	Nefrologia e Urologia	PNRR-POC-2023-12378429	Puglia	DEvelopment of a TRiple-Action drug delivery system to prevent the progression of Chronic Kidney Disease in Diabetic patients (DETRA-CKD-D)	<b>21,00</b>	950.000,00 €	NON FINANZIATO	
59	Nefrologia e Urologia	PNRR-POC-2023-12377802	Umbria	From territory to hospital: telemedicine to improve healthcare service for patients with LUTS and urinary incontinence	<b>22,00</b>	800.000,00 €	NON FINANZIATO	
60	Ostetricia e Ginecologia	PNRR-POC-2023-12377270	Emilia-Romagna	Targeted gene therapy of uterine leiomyoma	<b>22,00</b>	1.000.000,00 €	NON FINANZIATO	
61	Diagnostica	PNRR-POC-2023-12378068	Piemonte	Low-Field Nuclear Magnetic Resonance Relaxometry a novel method for diagnostic assessment in breast pathology	<b>22,50</b>	697.283,00 €	NON FINANZIATO	
62	Nefrologia e Urologia	PNRR-POC-2023-12377722	Veneto	Application and Validation of patented-microextraction proteins method for protein profiling of native and post-transplant kidney diseases	<b>23,00</b>	1.000.000,00 €	NON FINANZIATO	
63	Ortopedia	PNRR-POC-2023-12377404	GALEAZZI	Next generation autologous chondrocyte implantation based on Progenitor CARTilage cells (PCART) for the treatment of cartilage lesions in patients with osteoarthritis	<b>24,00</b>	800.000,00 €	NON FINANZIATO	
64	Oculistica	PNRR-POC-2023-12377699	BIETTI	Fatigue relief in multiple sclerosis by neuromodulation: a Proof-of-Concept of tear-determined personalisation [FaremusT]	<b>29,00</b>	937.885,00 €	NON FINANZIATO	