

Ricerca Scientifica di Ateneo
Consolidate the Foundations (Consolidare le Fondamenta)

PROGETTI AMMESSI AL FINANZIAMENTO

N.	AREA CUN	TITOLO	ACRONIMO
1	1	Arithmetic, Geometry and Topology of Some Algebraic Varieties	AriGeoTop
2	1	Geometric Motions in Heterogeneous Environments	Geomotions
3	1	Irreversibility in Dynamic Optimization	IrDycO
4	1	Nonlinear Differential Problems and their Applications	NDPAp
5	1	Operator Algebraic Structures in Noncommutative Geometry	OPAL
6	2	Silicene and Germanene: novel two-dimensional nanomaterial	SinGer2D
7	2	Population Dynamics in Turbulent Flows	turbolife
8	2	COMbusted BOnes physical-chemical toolkit for enabling DNA analysis	COMBO
9	2	Study of Weighting Resistive Matrix for fast and lightweight artificial vision	WRM
10	2	GaAs _(1-x) Bi _x aLLoY: a potential candidate for Future Photonic Devices	BILLY
11	2	CHAracterization Of Corrole Organized LAYers for waTEr oxidation	CHOCOLATE
12	3	Graphene meets Microbubbles: a superior contrast agent for Photoacoustic Imaging	AcouGraph
13	3	Self-assembly of antimicrobial peptides in 2D and 3D: effects of supramolecular structures on peptide selectivity and on the properties of antibacterial surfaces	AMPSA
14	3	CHiral MolEcular Recognition by selfAssembled porphyrin-based hybrid materials: from preparation of chiral porphyrin hybrid architectures to sensor applications	CHIMERA
15	3	Small Molecules Activation-Reduction with Tetraferrocenylporphyrins	SMART
16	3	Bio-Electronic systems for wastewater treatment and energy production	Bestwater
17	5	Moringa oleifera-derived microRNAs regulation of human gene expression: uncovering a secret cross-kingdom signaling	MIRAGE
18	5	Mitochondria and autophagy in degenerative synapses	MADS

19	5	Cerebellar and hippocampal involvement in motor adaptation and recovery. A study in healthy humans and transgenic mice models of neurodegeneration.	MARCH
20	5	Role of the glutathione transferase inhibitor MC3181 in the modulation of the growth and metastatic spreading of cutaneous melanoma	MC3181
21	5	Development of a novel device for rapid detection of bacterial blood infections	ReDEsIgn
22	5	Characterization of the zinc uptake apparatus in Pseudomonas spp. A promising target for novel anti-bacterial strategies?	PZINC
23	5	In vitro test for ovary protection by tyrosine kinase inhibitors against chemotherapy-induced damage	OVOKITEST
24	6,7	Neurogen origin of hypertension in hemodialytic patient: morphometric study of renal sympathetic innervation	ReInHe
25	6,7	Novel therapeutic targets in colon cancer	GMLBM15
26	6,7	Plasma concentrations of type 5 phosphodiesterase: setting the method and finding evidences in prostate cancer	PDE5PCa
27	6,7	Intraoral sensor system with integrated wireless transmission for real-time monitoring of metabolic processes	InDenWiSy
28	6,7	Erythrocyte glutathione transferase: a new biomarker for transplanted kidneys.	eGST
29	6,7	The epigenetic profile of miRNA-encoding genes and the circulating miRNAs signature as biomarkers and innovative therapeutic tools for myocardial infarction	AmiRNA
30	6,7	Human bronchial hyperresponsiveness in a human ex vivo model of diabetes mellitus	BHRDM
31	6,7	Bone mineral density in Obstructive Sleep Apnea Patients.	BMDinOSA
32	6,7	"Consolidate" the Vitamin D "Foundations" of the Bone-Muscle Crosstalk in Elderly	DOUBLE
33	8	MULTISCALE HIERARCHICAL BIOMECHANICS IN ARTERIAL TISSUES	BIOART
34	8	Cooling and Energy Saving Strategies in Renaissance Buildings	COWASPARE
35	8	Development of a PErsonal Transit ROute Planner prototype	PeTRoP
36	8	Digital Technologies for Sustainable Cultural Heritage: the case study of Villa Mondragone	SCHeDiTVM

37	9	An innovative, individually-tailored, protocol for technologically advanced cycle-ergometer rehabilitation exercises	CMPT
38	9	DEvelopment of a TrAnsportable microwave Imaging Low cost System for cerebrovascular diseases detection	DETAILS
39	9	Hierarchical organic surfaces for biomedical application	HierOS
40	9	Novel Photodetectors for Visible Light Communications	PHLIGHT
41	9	Radial Basis Functions mesh morphing FOR the analysis of CRACKS propagation	RBF4CRACKS
42	9	Devices And Algorithms For NExt generation upper limb prostheticS	DAFNES
43	9	Epidermal Electronic Technology for battery-less skin sensors with wireless reading	RADIOSKIN
44	10	Reinventing Italian movie industry. Entrepreneurship and cultural innovation in the venture of Cines during the interwar period,	CineStory
45	10	Essential Lexicon of the Classical Languages	ELCLa
46	10	Mining Nineteenth-century Italian Narrative	MinIN
47	10	Music and culture contact. Effects of travelling and migrations on culture dynamics and individual creativity.	MUSICON
48	11	Cultural Routes and prospects of tourism development in Regione Lazio (Italy)	CRT
49	11	For a History of the Idea of Nature: Middle Ages versus Modernity	FHIN
50	11	'Fosse Ardeatine': Virtual Biographical Archive - Advanced digitization and metadating of the documents of forensic archive Commission about 'Fosse Ardeatine'.	ViBiA
51	12	From Monetary Union, to Banking Union, towards Capital Markets Union (CMU). Strengthening the supervisory framework and implementing legislation against systemic shocks in EU economies.	CMU
52	12	European Banking Union: a model of administrative integration?	EBUasAI
53	12	Cross-Border Healthcare in EU: towards a European Welfare State?	CBHEU
54	12	Immigration and marginalization	Imm230915
55	13,14	High dimensional statistics: Methods and applications	HDS
56	13,14	A neurobiological approach to financial investors' decision making	NEUROFIN
57	13,14	Financial Frictions, Endogenous Cycles and Growth	faleloni
58	13,14	New Emerging Worship Patterns To Open up Urban Space	NEW2US

