



<i>Area Ricerca Scientifica e TT</i>	Giovani Ricercatori	Contributi deliberati dal CdA del 17/12/2024
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Ambito - Life Sciences				
Titolo	Organizzazione	Comune	Provincia	Contributo deliberato
DIAB-GENESIS: DIABetes risk prediction with deep generative models of GENetics and Environmental interactions in Southeast asian IndividualS	Fondazione Human Technopole	Milano	MI	199.615,00
Avoiding functional decay of frail elderly hospitalized for hip fracture surgery through early sleep after Mirror Neuron System based approaches	Fondazione Humanitas per la Ricerca	Rozzano	MI	200.000,00
Reprocessing the fear of pain: the cognitive-behavioral approach to treat persistent idiopathic facial pain	Fondazione IRCCS Istituto Neurologico Carlo Besta	Milano	MI	150.700,00
Targeting fibro-calcific aortic valve disease progression with anti-CCR2 CAR T cells	Fondazione Istituto Europeo di Oncologia e Centro Cardiologico Monzino	Milano	MI	199.000,00
Astroglial endoplasmic reticulum-mitochondria interaction in Alzheimer's disease	Università degli Studi del Piemonte Orientale "Amedeo Avogadro"	Vercelli	VC	200.000,00
Investigating the human serinosome: relevance to brain L-serine synthesis - SerMET	Università degli Studi dell'Insubria	Varese	VS	198.000,00
Urolithin A: a Mitophagy-stimulating Natural Molecule to Counteract HIV- and ART-Induced Mitochondrial Dysfunction in Cellular Senescence and Aging	Università degli Studi di Milano	Milano	MI	199.900,00
Connecting fundamental knowledge with emerging technologies to boost rice reproductive development and yield	Università degli Studi di Milano	Milano	MI	199.980,00
Forever YounGreen: exploring the staygreen phenotype for next generation barley crop	Università degli Studi di Milano	Milano	MI	199.998,00
Unravelling eNvironmEntal factors contributing to autism spEctrum Disorder – NEED	Università degli Studi di Milano	Milano	MI	197.450,00
In-depth Investigation of the First CB2R-Targeted Allosteric Modulator: From Metabolomics and Proteomics to	Università degli Studi di Milano	Milano	MI	199.950,00



Radiotracer Development for Tumor Imaging				
Among Bundles of Chitin: unravelling the function of the cuticulome of the tiger mosquito <i>Aedes albopictus</i>	Università degli Studi di Milano	Milano	MI	199.999,00
Disclosing the role of Pierpont syndrome associated mutations in TBL1XR1 (DROP OUT)	Università degli Studi di Milano	Milano	MI	199.650,00
Light Chains in Cardiac Amyloidosis: Impact on hiPSC-derived Cardiomyocytes Activity and Therapeutic Strategies (CARDIALIGHT)	Università degli Studi di Milano - Bicocca	Milano	MI	199.800,00
W.I.C.K.E.D. – Wolbachia Infection: Corrupted Killers Effects on <i>Drosophila suzukii</i>	Università degli Studi di Pavia	Pavia	PV	200.000,00
Exploiting an antivirulence approach to develop novel antimicrobials against nontuberculous mycobacteria.	Università degli Studi di Pavia	Pavia	PV	200.000,00
Sex-Related Differences in Interleukin-1b as a Modulator of Arrhythmogenesis in Myocarditis	Università Vita-Salute San Raffaele	Milano	MI	199.995,00
It takes two to tango: targeting the BMP-SMAD pathway to improve MASLD-MASH and the associated sarcopenia	Università Vita-Salute San Raffaele	Milano	MI	199.430,00
Developing a miniaturized sarsin protein for gene therapy preclinical trial in Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay (ARSACS)	Università Vita-Salute San Raffaele	Milano	MI	199.980,00

Ambito - Physical Sciences and Engineering				
Titolo	Organizzazione	Comune	Provincia	Contributo deliberato
A biomimetic MRI- compatible artificial cochlea to unravel the role of inner ear-brain fluids exchange on beta- amyloid removal in dementia	Politecnico di Milano	Milano	MI	199.999,00
Attosecond Time- Resolved Observation of Molecular photoSwitching (ATOMS)	Politecnico di Milano	Milano	MI	200.000,00
CARBon storage in conCRETE made with recycled aggregates- CARBCRETE	Politecnico di Milano	Milano	MI	199.740,00
INSIDE - computational assessment of high-risk carotid plaques: an integrated radiomics and biomechanics approach	Politecnico di Milano	Milano	MI	200.000,00



Interaction between emerging contaminants: the role of microplastics	Università degli Studi di Brescia	Brescia	BS	195.000,00
Transformation of Black and White Steel Slags from Electric Arc Furnaces into Functional Fillers for Virgin and Recycled Rubber Composites	Università degli Studi di Brescia	Brescia	BS	200.000,00
The biophysical fingerprint of pancreatic cancer: a patient- specific cell - microenvironment interaction study based on atomic force spectroscopy	Università degli Studi di Milano	Milano	MI	199.900,00
Small nitrogen-rich organic molecules for multipurpose biomedical	Università degli Studi di Milano	Milano	MI	199.650,00
REsilience and Sustainability of groundwater resources under Climate change Upon an Energy-based probabilistic framework (RESCUE)	Università degli Studi di Milano	Milano	MI	185.460,00
COCKTAIL – Combining speCKle paTtern imaging with Artificial Intelligence to reveal miLk adulteration	Università degli Studi di Pavia	Pavia	PV	200.000,00
MADAM - Mobility And Distribution of “Critical RAW Materials” through the crust: a micro-tectonic perspective	Università degli Studi di Pavia	Pavia	PV	200.000,00

Ambito – Social Sciences and Humanities

Titolo	Organizzazione	Comune	Provincia	Contributo deliberato
CARA – Care Poverty in Ageing Societies. A quali-quantitative study on Italy	Politecnico di Milano	Milano	MI	197.150,00 €
SAFER - Sustainable Approaches For the Effective management of natural Risks	Politecnico di Milano	Milano	MI	198.000,00 €
YOUNG & MEANINGFUL: developing a personalized meaning-making intervention for the prevention of late adolescents’ risk of becoming NEETs through inclusive and fair methodologies.	Università Cattolica del Sacro Cuore	Milano	MI	199.881,00 €
Fashion Tech Startup Cartography: mapping the state of the art and developing an interpretative framework of the ecosystem relationships	Università Cattolica del Sacro Cuore	Milano	MI	184.822,00 €



Platfood: the platformisation of the restaurant industry in urban contexts	Università Cattolica del Sacro Cuore	Milano	MI	193.534,00 €
Pediatric conditions in tough times. Bioarchaeological and biochemical analysis of non-adult health between nutrition, stress, and disease	Università degli Studi dell'Insubria	Varese	VA	200.000,00 €
VulvASP: Vulvodynia as a silenced pain. A participatory research project to understand patients' care experiences	Università degli Studi di Bergamo	Bergamo	BG	198.895,00 €
A Book of the Dead in Milan. The extraordinary story of Marquis Busca and his extravagant collection	Università degli Studi di Milano	Milano	MI	124.080,00 €
Predicting the Future. Divination, Conjectural Disciplines, and Human Knowledge in Girolamo Cardano's Thought	Università degli Studi di Milano	Milano	MI	183.535,00 €
ZOOMWORK: Investigating Gen Z's imaginaries and cultures of work	Università degli Studi di Milano	Milano	MI	180.125,00 €
Musical participation and urban transformation: a deep mapping of the V Municipality in Rome and NoLo neighbourhood in Milan	Università degli Studi di Pavia	Pavia	PV	200.000,00 €