



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

Research Projects - SDG3 (60P&15C)

Funding Source	Programme	Year	UnivAQ role	Title	website	UnivAQ Coordinator
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>High-dimensional time series for structural macroeconomic analysis in times of pandemic</i>	PRIN 2020N9YFFE	GIOVANNELLI ALESSANDRO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Il diritto costituzionale della salute e dell'organizzazione sanitaria dopo l'emergenza della pandemia</i>	PRIN SH2_4	POLITI FABRIZIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Interplay between genotoxic and mechanical stress in neurodegeneration</i>	PRIN LS1_3	MASTROBERARDINO PIERGIORGIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>New perspectives for the exploitation of female reproductive potential in mammals: from the recovery of the untapped natural ovarian reserve to the generation of oocytes and granulosa cells from mesenchymal stem cells (InfinitEGG)</i>	PRIN LS9	MACCHIARELLI GUIDO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	SMACK : <i>The Saliva-Mediated feedbaCK signal affecting mosquito biting</i>	PRIN LS3_5	IACOBUCCI CLAUDIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Development of a new antibacterial nano-filled composite material for dental treatment of vulnerable patients: biological, mechanical, and microbiological characterization</i>	PRIN LS7_3	CARUSO SILVIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>How Emotional Reactivity and Memory Evolve over Sleep: psychophysiological Description via Exogenous manipulation of Sleep features (HERMES-DEUS)</i>	PRIN SH4_6	D'ATRI AURORA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Precision medicine in renal replacement therapy for critically ill patients</i>	PRIN LS7_2	ROSSI FABRIZIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	TrustPACTX - <i>Design of the Hybrid Society Humans-Autonomous Systems: Architecture, Trustworthiness, Trust, EthICs, and EXplainability (the case of Patient Care) and EXplainability (the case of Patient Care)</i>	PRIN PE6_7	COSTANTINI STEFANIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Intersection between endocannabinoid signaling and resolution of inflammation in Alzheimer's disease</i>	PRIN LS1_2	MACCARONE MAURO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Clinical, molecular, and pathogenic bases of familial adult myoclonic epilepsies caused by pentanucleotide repeat expansions in the non-coding genome</i>	PRIN LS2_14	BRANCATI FRANCESCO



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Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Cutaneous squamous cell carcinoma: stratifying high risk tumors with novel technologies</i>	PRIN LS4_12	FARGNOLI MARIA CONCETTA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>ulTra-broadband phOto-thermal microscoPy for label-free biochemical Imaging of Cells and tissues (TROPIC)</i>	PRIN PE7_11	D'ARCHIVIO ANGELO ANTONIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Novel approaches for the characterization and modulation of the oncogenic Sonic Hedgehog pathway in colorectal cancer. Identification of new potential prognostic markers and therapeutic targets.</i>	PRIN LS3_5	ALESSE EDOARDO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Fighting Carbapenemases Resistance by Kinetic Guided Target Synthesis (CARESS)</i>	PRIN LS6_9	PERILLI MARIA GRAZIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	FEEL GOOD! <i>Intervento di video modeling mediato da robot sociale per facilitare la comunicazione tra professionista sanitario e paziente con disturbo dello spettro dell'autismo</i>	PRIN SH3_14	MAZZA MONICA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Exploring the effects of lamotrigine on interictal neurovascular coupling within visual network in patients with migraine with aura: a multiparametric longitudinal study with EEG-fMRI and multi-delay 3D-pseudocontinuous arterial spin labeling</i>	PRIN LS5_17	SACCO SIMONA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>An innovative cross-species transcriptome approach to target retinal cell dysfunction in age-related macular degeneration</i>	PRIN LS5_14	RITA MACCARONE
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Effect of Heat-not-burn tobacco (IQOS) versus Electronic and Tobacco cigarettes on the oral health: a multidisciplinary approach for a potential prevention strategy</i>	PRIN LS3_3	DELLE MONACHE SIMONA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	BeT: Behavior-enabled IoT	PRIN PE6_3	HENRY MUCCINI
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>The PIANO project, Pathways Involved in the action of Anti-MDA5 antibodies: impact on innate immunity</i>	PRIN LS6_3	RUSCITTI PIERO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Evaluation of the paracrine therapeutic action of adipose mesenchymal stem cells in female reproductive diseases: insights from animal and cellular models (FFert-REPAIR)</i>	PRIN LS3_15	TATONE CARLA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Interplay between Parkin and Transglutaminase 2 in DNA damage and repair</i>	PRIN LS5_11	MASTROBERARDINO PIERGIORGIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	PAROLA. <i>Parenting APP for promoting language acquisition</i>	PRIN SH4_8	D'AMICO SIMONETTA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Targeting cancer stem cell metabolism by exploiting ncRNAs to improve drug therapy outcome in lung cancer.</i>	PRIN LS3_13	CAPECE DARIA



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Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>The identification of common genetic, molecular, and cellular pathogenic mechanisms in diabetes and rheumatoid arthritis may shed new light in the development of a metabolic disease during a chronic inflammatory process and may identify new specific targets to derive a precision medicine driven therapeutic strategy.</i>	PRIN LS6_4	CIPRIANI PAOLA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	SyDiDOa - Symptomatic Digital Drugs for Osteoarthritis	PRIN LS7_14	LA RUSSA RAFFAELE
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Effects of combined exposure to nano/microplastics and plastic additives on mammalian female fertility</i>	PRIN LS9_10	DI EMIDIO GIOVANNA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Non coding-RNAs shuttled by Ovarian Cancer Extracellular Vesicles as potential biomarkers in liquid biopsy (NARCISUS)</i>	PRIN LS3_5	GIUSTI ILARIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Neurosteroids as Determinants of Seizure Susceptibility to Stress</i>	PRIN LS4_1	CIFELLI PIERANGELO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Elucidating molecular mechanisms underlying the protection against fatty liver disease</i>	PRIN LS2_2	BARONI MARCO GIORGIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Employment of Mu-Lympho-Marker as an innovative candidate diagnostic tool to ameliorate the efficacy of the analgesic program in a pain suffering patient-oriented strategy</i>	PRIN LS7_2	BRANCATI FRANCESCO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Plant extracellular vesicles (P-EVs) as novel bioactive nanoparticles for alleviating oxidative stress in ovarian aging: molecular and functional characterization of P-EVs from pomegranate juice</i>	PRIN LS1_9	TATONE CARLA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Rofiling redox, epigenetic and transgenerational effects induced by micro-nanoplastics: focus on female reprotoxicity and protective natural antioxidants in mammals</i>	PRIN LS9_10	DI EMIDIO GIOVANNA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Beyond the 1st Night: Closed-Loop Auditory Stimulations during consecutive nights while sleeping at home (B1N-CLAS@home)</i>	PRIN SH4_6	D'ATRI AURORA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Innovative salivary analytical device based on bio-inspired sensors for prevention and saliva-based personalized individual management of metabolic systemic diseases</i>	PRIN LS4_9	BALSANO CLARA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Dissecting the role of mitochondrial-endoplasmic reticulum contact sites in brain ischemic/reperfusion-induced damage.</i>	PRIN LS1_9	D'ANGELO MICHELE
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Noninvasive procedures for prediction and diagnosis of rejection in the post-transplant period in Kidney transplant recipients by the use of new serum and urinary biomarkers (donor-derived cell free DNA, CTLA-4 and PD-1/PD-L1)</i>	PRIN LS7_2	PANARESE ALESSANDRA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	MigraMeter 2.0: Migraine Monitoring and Prediction via an optimized e-health tool based on machine learning approaches	PRIN LS5_11	SACCO SIMONA



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Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Molecular evaluation of the prognostic impact of BAP1 status in malignant pleural mesothelioma and renal cell carcinoma</i>	PRIN LS4_12	MUTTI LUCIANO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Prejudice, Proxemic Space and Social Odor: the representation of the 'outsider' through an evolutionary-metaverse psychology perspective</i>	PRIN SH4_2	CURCIO GIUSEPPE
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Implementation of a patient-derived 3D model of glioblastoma multiforme for the developing of extracellular vesicles-based drug delivery system (EXANDROID- EXtracellular vesicles pATieNt-DeRived 3d gbm mOdel drug dellvery Developing)</i>	PRIN LS1_13	GIUSTI ILARIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>The endocannabinoid system in the neural stem cells as a bridging among adult hippocampal neurogenesis, stress resilience and environmental challenges</i>	PRIN LS1_2	MACCARONE CLAUDIO
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>Maternal transcript degradation during oocyte to embryo transition: a new role for the Subcortical Maternal Complex? (NASCECY: maternNal trAnScripT dEgradatioN ooCyte embrYo)</i>	PRIN LS9_10	PALMIERINI MARIA GRAZIA
Italian Research Funds	MIUR-PRIN	2022/23	PARTNER	<i>AID2GAIT: Biofeedback based system to enhance robotic assisted gait training in children with cerebral palsy</i>	PRIN LS7_2	MORONI GIOVANNI
European Research Funds	EIC Funds	2022	COORDINATOR	<i>TwistedNano - Twisted nanophotonic technology for integrated chiroptical sensing of drugs on a chip</i>	https://www.twistednano-horizon.eu/	ANDREA MARINI
Italian Research Funds	MIUR - PRIN	2022	PARTNER	<i>New perspectives for the exploitation of female reproductive potential in mammals: from the recovery of the untapped natural ovarian reserve to the generation of oocytes and granulosa cells from mesenchymal stem cells (InfinitEGG)</i>	PRIN 2020KL3S9H_004	GUIDO MACCHIARELLI
Italian Research Funds	MIUR - PRIN	2022	PARTNER	<i>Interplay between genotoxic and mechanical stress in neurodegeneration</i>	PRIN 2020CXFL4T_003	PIERGIORGIO MASTROBERARDINO
IT&EE Funds (Public)	Ministero della Salute	2020	Partner	<i>Dissecting the neglected link between RANKL cytokine and stemness features with high relevance in osteoporosis, RF-2018-12367680</i>	https://www.salute.gov.it/portale/ministero/documenti/provvedimentiDirigenti/Elenco_accordi_DGRIC_dicembre_2020.pdf	MATTIA CAPULLI
IT&EE Funds (Public)	NIH -U.S.	2021	PARTNER	<i>Discovery of novel smHDAC8 inhibitors for the treatment of schistosomiasis</i>	https://www.nih.gov/	FRANCESCO ANGELUCCI
IT&EE Funds (Private)	VENTISEIDIECI SRL	2021	PARTNER	<i>Progettazione e Modellazione di nuove tecnologie e nano materiali e nano sistemi cosmetici - MT2020</i>	https://www.ventiseidieci.it/	ARMANDO CARLONE
IT&EE Funds (Private)	Contract	2022	COORDINATOR	<i>Light-damaged human ARPE-19 cells and rats as in vitro and in vivo models of retinal degeneration to evaluate neuroprotective effects of cannabinoids</i>	Contract n. 316/2022/22/2022	MAURO MACCARONE
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Effects of Iadarixin on an in vitro adipocyte diabetic model</i>	Contract	ANNA MARIA CIMINI



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IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Binding di [125I] CXCL8 su polimorfonucleati umani e su cellule L1.2 trasfettate con CXCR1 e CXCR2 wild type e il clone CXCR1K99A</i>	Contract n.1577 23/09/2020/125/2020	ROBERTO MAGGIO
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>Realizzazione del progetto cellule da paziente affetto osteoartrite</i>	Contract	VINCENZA DOLO
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>“Valutazione dell’efficacia di nuove molecole agoniste del recettore GPR-120, nelle alterazioni metaboliche e infiammatorie intestinali ed epatiche sperimentalmente indotte nei topi attraverso la somministrazione di una Western-stile diet”</i>	Contract n. 235 del 09/02/2021/31/2021	ALESSIO CICCONE
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Estensione contratto di ricerca pre-clinica - Responsabile Prof. Roberto Maggio - Binding di [125I] CXCL8 su polimorfonucleati umani e su cellule L1.2 trasfettate con CXCR1 e CXCR2 wild type e il clone CXCR1K99A”</i>	Contract Prot n. 2426 del 18//Repertorio n. 216/20	ROBERTO MAGGIO
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Consulenza scientifica nell’ambito delle biotecnologie e loro applicazione - Prof.ssa Anna Maria Teti</i>	Contract n.458 del 15/03/2021/46/2021	ALESSIO CICCONE
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Produzione, purificazione ed analisi di due muteine di interesse</i>	Contract	RODOLFO IPPOLITI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Effects of co-administration of ketoprofen lysine salt/ gabapentin on paclitaxel-stimulated f11 cells and nevaluation of the gastro-tolerability profile in n87 cells and ex-vivo samples</i>	Contract	ANNA MARIA CIMINI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Effects of NGF on TRPM8 signaling on proteasome activity in human DRG neurons.</i>	Contract	ANNA MARIA CIMINI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Interaction of spike protein with sexual hormone signalling. A role for raloxifene”</i>	Contract	ANNA MARIA CIMINI
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>A dosimetric characterization of the NTP rodent bioassays reverberating exposure chambers -</i>	Contract n.2184/57	VALERIO DE SANTIS
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>Sviluppo di processi di sintesi di principi attivi farmaceutici o loro intermedi</i>	Contract	ARMANDO CARLONE
IT&EE Funds (Private)	Fondazione AIRC	2020	COORDINATOR	<i>Tumour extracellular vesicles educate the bone to promote their growth and metastasis: finding targetable pathways</i>	Research Grant	NADIA RUCCI
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>BenESSERE al centro. Formazione, buonumore, idee di impresa per la ricostruzione sociale e culturale”</i>	Contract	SILVIA NANNI



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IT&EE Funds (Private)	Contract	2021	PARTNER	<i>Progettazione e Modellazione di nuove tecnologie, nano materiali e nano sistemi cosmetici - MT2020</i>	https://www.ventiseidieci.it/it/research-area/uv-sensor/	ARMANDO CARLONE
Italian Research Funds	MIUR - PRIN	2017	PARTNER	<i>Effetto di nutraceutici sulle funzioni sessuali e riproduttive, composizione corporea e rischio cardiovascolare in maschi affetti da ipogonadismo subclinico</i>	PRIN 2017XLFJAX	SANDRO FRANCAVILLA
Italian Research Funds	MIUR - PRIN	2017	COORDINATOR	<i>Adressing microglial dysfunction in Alzheimer's disease: a role for endocannabinoid signaling in immunosenescence -</i>	PRIN 2017BTHJ4R	MAURO MACCARRONE
Italian Research Funds	MIUR - PRIN	2017	COORDINATOR	<i>Interfering with NF-kappaB activation in human cancer -</i>	PRIN 2017WLKYAM	FRANCESCA ZAZZERONI
Italian Research Funds	MIUR - PRIN	2017	PARTNER	<i>Redox-activity and Health-effects of Atmospheric Primary and Secondary aerosol - RHAPS</i>	https://www.isac.cnr.it/en/projects/pri-n-2017-redox-activity-and-health-effects-atmospheric-primary-and-secondary-aerosol	GABRIELE CURCI
European Research Funds	H2020	2016	PARTNER	<i>Mobile health-Care system for monitoring toxicity and symptoms in cancer patients Receiving disease-oriented therapy - iCARE</i>	https://cordis.europa.eu/project/id/693680	ANTINISCA DI MARCO
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Individual air pollution exposure, extracellular vesicles Signaling and hypertensive disorder development in pregnancy. - INSIDE</i>	PRIN 20152T74ZL	VINCENZA DOLO
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Migliorare la salute fisica delle persone con patologie mentali gravi modificandone lo stile di vita -</i>	PRIN 2015C7374S	ALESSANDRO ROSSI
Italian Research Funds	MIUR - PRIN	2015	COORDINATOR	<i>New experimental therapies for genetic skeletal diseases -</i>	PRIN 2015F3JHMB	A. MARIA TETI
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Valutazione degli effetti antiinfiammatori ed antifibrotici di estratti fenolici (crema di olive deamarizzata ed arricchita con ceppi di lattobacilli attivi) in un modello di colite cronica sperimentalmente indotta mediante la somministrazione di Destrano Sodio Solfato (DSS) nel topo -</i>	PRIN 20152LFKAT	ANTONELLA VETUSCHI