



HFRI 12/09/2025
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HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION
HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION

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FUNDING LISTS OF THE PROPOSALS

Submitted in the Scientific Areas

Life Sciences (SA. 3)
Category II

Environment and Energy (SA. 8)
Category I & II

**“3rd Call and Management and Implementation Guide for H.F.R.I. Research Projects to Support
Faculty Members and Researchers”**

Subsequent to the issuance of the Ref. No. 112201/11.09.2025 (IUN: ΕΠ2046Μ77Γ-004) Directors' Decision on "The publication of the Funding Lists of the proposals in the **Scientific Areas "Environment and Energy" (SA. 8) Category I and "Health Sciences" (SA. 3) and Environment and Energy (SA. 8) Category II** submitted under the "3rd Call and Management and Implementation Guide for H.F.R.I. Research Projects to Support Faculty Members and Researchers" (Ref. No. 70402/28.07.2023, as in force), below is the Funding Lists per Scientific Area and Category.

FUNDING LIST Life Sciences (SA. 3) CATEGORY II					
A/N	Proposal No.	Title	Principal Investigator Name	Host Institution	Approved budget (€)
1.	23252	Targeting HYOU1 Function in Fibroblasts to Combat Lung Fibrosis	KOLLIAS GEORGE	BIOMEDICAL SCIENCES RESEARCH CENTRE ALEXANDER FLEMING	299.970,00 €
2.	26897	Synthetic biology for engineering novel Enzybiotics to combat multidrug resistance pathogens	LABROU NIKOLAOS	AGRICULTURAL UNIVERSITY OF ATHENS	299.956,00 €
3.	25183	Deciphering the biology and dynamic networks of novel noncoding RNAs in cellular homeostasis and cancer drug resistance	STATHOPOULOS CONSTANTINOS	UNIVERSITY OF PATRAS	300.000,00 €
4.	25687	Role of microglia-specific deletion of the Alzheimer's Disease Risk Factor BIN1 on microglial signatures and glial interactions during inflammation and ageing	THOMAIDOU DIMITRA	HELLENIC PASTEUR INSTITUTE	299.997,00 €
5.	24867	Unraveling the Nascent RNA Epitranscriptomic Control of Gene Expression in Cell Differentiation	NTINI EVGENIA	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS (FORTH)	299.970,00 €
6.	23263	Deciphering Immune Senescence in Cancer	GORGOLIS VASSILIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	300.000,00 €
7.	23578	Innate immunity to support Cardiac Repair and Regeneration	BEIS DIMITRIS	UNIVERSITY OF IOANNINA	299.640,00 €

8.	23561	Phage-Bacteria Infection Networks in Divergent Ecosystems: A Cross-Continental Study between Antarctica and the Cretan Sea	KATHARIOS PANTELIS	HELLENIC CENTRE FOR MARINE RESEARCH	299.970,00 €
9.	25966	A Rheostat for Cellular Quiescence and Ageing	MOSCHOU PANAGIOTIS	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS (FORTH)	299.902,00 €
10.	25080	Crosstalk between endocytosis, signalling and exocytosis, for vascular morphogenesis	CHRISTOFORIDIS SAVVAS	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS (FORTH)	299.981,00 €
11.	23680	Astroglial ApoE as a mediator of β -amyloid pathology in synucleinopathies	STEFANIS LEONIDAS	BIOMEDICAL RESEARCH FOUNDATION OF ACADEMY OF ATHENS	300.000,00 €
12.	26538	Using molecular networking as a tool to identify new antibacterial and antifungal agents from marine microorganisms of the East Mediterranean	IOANNOU EFSTATHIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	299.860,00 €
13.	26473	Optimization of iG-Tregs, a first-in-human academic Point of Care Cell Therapy-ATMP, towards refined manufacturing and expansion of therapeutic applications. (Short Title: Second Generation iG-Treg)	SPYRIDONIDIS ALEXANDROS	UNIVERSITY OF PATRAS RESEARCH CENTER	296.677,00 €
14.	25170	In vivo CRISPR screens to decode Dendritic Cell 1 fate in tumours.	TSOUMAKIDOU MARIA	BIOMEDICAL SCIENCES RESEARCH CENTRE ALEXANDER FLEMING	299.332,00 €
15.	26648	High-resolution mechanistic analysis of allometric limb development with wavefront-shaping light-sheet microscopy	PAVLOPOULOS ANASTASIOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS (FORTH)	299.970,00 €

16.	26672	Advancing Personalized Radiotherapy through Biomarker-Guided Treatment and Personal Biological Dosimetry	THEODOROU KYRIAKI	UNIVERSITY OF THESSALY	294.030,00 €
17.	24803	Innovative antiviral drug candidates for the non-structural protein 15 (NSP15)	MAVROMOUSTAKOS THOMAS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	278.529,00 €
18.	23592	Exposing the functional dark matter of the metagenome universe with the use of scalable bioinformatics	PAVLOPOULOS GEORGIOS	BIOMEDICAL SCIENCES RESEARCH CENTRE ALEXANDER FLEMING	300.000,00 €
19.	24916	New sustainable drugs against vector borne diseases following One Health approach	CALOGEROPOULOU THEODORA	NATIONAL HELLENIC RESEARCH FOUNDATION	299.999,00 €
20.	26699	Novel Soluble Guanylate Cyclase Stimulators: Rational Design-Driven Optimization and Characterization of their Unique Mechanism of Action	SPYROULIAS GEORGIOS	UNIVERSITY OF PATRAS	299.970,00 €
21.	25851	hnRNPD as a determinant of cardiomyocyte dysfunction in heart disease	LAZOU ANTIGONE	ARISTOTLE UNIVERSITY OF THESSALONIKI	299.012,00 €
22.	24795	Unraveling Cellular Resilience: Crossroads of hypoxia and other critical stress-response pathways in cancer cells	SIMOS GEORGIOS	UNIVERSITY OF THESSALY	299.241,00 €
23.	26827	Quantitative study of eye-transcription-factor molecular behavior and dominant-negative mutations in vivo	PAPADOPOULOS DIMITRIOS	UNIVERSITY OF CRETE	300.000,00 €

FUNDING LIST Environment and Energy (SA. 8) CATEGORY I					
A/N	Proposal No.	Title	Principal Investigator Name	Host Institution	Approved budget (€)
1.	23574	INvestigAting non-indigenous Species in hotspot areas of the IONian Sea	GEROVASILEIOU VASILEIOS	IONIAN UNIVERSITY	292.733,00 €
2.	23419	CHildren ExposuRe to traffic emISSIONs in an urban Environment	KOSTENIDOU EVANGELIA	ATHENA-RESEARCH CENTER FOR INNOVATION AND INFORMATION TECHNOLOGIES	286.135,00 €
3.	26657	Optimizing Electrode Materials and Devices for Photoelectrochemical Hydrogen Production	ANTONIADOU MARIA	UNIVERSITY OF WESTERN MACEDONIA	292.232,00 €
4.	26825	Hybrid Experimental and Learning-based Prediction for Landslides	MARINOS VASILEIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	293.006,00 €
5.	25030	Enhancing Liquefaction hazard Forecasting	PAPATHANASSIOU GEORGE	ARISTOTLE UNIVERSITY OF THESSALONIKI	291.681,00 €
6.	25940	Tailoring Yeast Metabolism towards Precision Biomanufacturing of Chemicals from Waste-derived Feedstocks	THEODOSIOU ELENI	CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS	286.108,00 €

FUNDING LIST Environment and Energy (SA. 8) CATEGORY II					
A/N	Proposal No.	Title	Principal Investigator Name	Host Institution	Approved budget (€)
1.	25886	Biosupercapacitors Powered by Electroactive Bacteria for Renewable Energy Storage	TRAPALIS CHRISTOS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	285.020,00 €

2.	23723	Microstructural Analysis of Active Normal Faulting during Seismic and Aseismic Slip: Deformation mechanisms of the Arkitsa and Pisla Normal Faults (Central Greece).	KOKKALAS SOTIRIOS	UNIVERSITY OF PATRAS	284.886,00 €
3.	25326	Origin and Evolution of Antibiotic Resistance in Extreme Environments	POLYMENAKOU PARASKEVI	HELLENIC CENTRE FOR MARINE RESEARCH	285.020,00 €
4.	25909	Marine Caves and Reefs in Greece: advancing monitoring, assessment, and restoration prioritization	KATSANEVAKIS STELIOS	UNIVERSITY OF THE AEGEAN	285.020,00 €
5.	23538	Energy, Economic and Environmental analysis of a novel Solar Concentrating Power Plant	TZIVANIDIS CHRISTOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	284.206,00 €
6.	25096	Real-time detection/Speciation of bio-aerosols profiling using Fluorescence LiDAR techniques and Machine Learning	PAPAYANNIS ALEXANDROS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	285.020,00 €
7.	25936	Design of a building virtual power plant architecture to reduce the cost for transforming a block of conventional buildings to nearly zero energy buildings and aggregate them as a virtual entity to optimally manage the energy response	PAPADOPOULOS AGIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	284.993,00 €
8.	25793	Per- and polyfluoroalkyl substances (PFAS) in the era of circular economy	STASINAKIS ATHANASIOS	UNIVERSITY OF THE AEGEAN	285.020,00 €
9.	23618	Advanced Optimization frameworks for the integration of Sustainable Policies in contemporary Energy Markets	GEORGIADIS MICHAIL	ARISTOTLE UNIVERSITY OF THESSALONIKI	194.050,00 €
10.	26725	Transforming Biowaste into Single Cell Proteins in the era of circular bioeconomy	KOUGIAS PANAGIOTIS	HELLENIC AGRICULTURAL ORGANIZATION (ELGO)-"DIMITRA"	284.250,00 €

11.	23655	Impact based SEASonal hydrological Outlooks: a fit-for-purpose framework for adaptationN to water EXTremes	KOUTROULIS ARISTEIDIS	TECHNICAL UNIVERSITY OF CRETE	284.988,00 €
12.	25773	PyROconvection riSk in Europe: ClimaTology and fuTure chAnges	ΓΙΑΝΝΑΡΟΣ ΘΕΟΔΩΡΟΣ	NATIONAL OBSERVATORY OF ATHENS	284.228,00 €
13.	23748	Recycling of textiles by microwave-assisted hydrolysis into new filaments, antibacterial and haemostatic products	BIKIARIS DIMITRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	285.020,00 €

The Director of the Hellenic Foundation for Research and Innovation

Dr Aikaterini Kouravelou