



HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION
HELLENIC FOUNDATION FOR RESEARCH & INNOVATION

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Protocol Number: 74460

H.F.R.I. 11.08.2023

**ANNOUNCEMENT
ON THE AMENDMENT OF THE RANKING OF THE PROPOSALS SUGGESTED
FOR FUNDING**

in the Thematic Areas

(T.A.3) “Agricultural Sciences – Food Science”

(T.A.4) “Mathematics and Information Sciences”

Sub-action 2 “Funding Projects in Leading Edge Sectors”

“Basic Research Funding (Horizontal support for all Sciences), National Recovery and Resilience Plan (Greece 2.0)”

The Action is implemented under the National Recovery and Resilience Plan “Greece 2.0”
with funding from the European Union – NextGenerationEU.



**Funded by the
European Union**
NextGenerationEU

Subsequent to the issuance of Decision No. 74338/06.11.2023 by the Director of the H.F.R.I. (IUN: 6ΓΑ446Μ77Γ-H60) under the title: Amendment of Decision No. 72737/09.10.2023 issued by the Director of the Hellenic Foundation for Research and Innovation (IUN: Ψ01846Μ77Γ-ΥΔ6) regarding the publication of the Final Ranking of the Proposals suggested for funding in the Thematic Areas “Agricultural Sciences – Food Science” (T.A.3) and “Mathematics and Information Sciences” (T.A.4) under Sub-action 2 of the Call “Basic Research Funding (Horizontal support for all Sciences), National Recovery and Resilience Plan (Greece 2.0)” as in force, below is the amended Ranking of the Proposals suggested for funding in the Thematic Areas “Agricultural Sciences – Food Science” (T.A.3) and “Mathematics and Information Sciences” (T.A.4) under Sub-action 2 of the Call “Basic Research Funding (Horizontal support for all Sciences), National Recovery and Resilience Plan (Greece 2.0)” (Ref. No. 52921/25.08.2022).

The Ranking of Proposals suggested for funding has been amended as follows:

- i. Change of the 16849 project PI

The Director of the Hellenic Foundation for Research and Innovation

Dr Aikaterini Kouravelou

FUNDING LIST
(TA.3) “Agricultural Sciences – Food Science and Technology”

A/N	Proposal No.	Title	PI's Full Name	Host Institution	Collaborating Organisations	Approved Budget (€)
1.	16713	Advancing Carob research: Science in the service of a traditional and resilient cultivation	KALANTIDIS KRITON	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	HAROKOPIO UNIVERSITY	167.900,00
2.	15794	Development of novel, anthocyanin-rich, food additives/nutraceuticals from vinification by-products	SKLAVIADIS THEODOROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS - CERTH	167.900,00
3.	16807	Breeding for resistance against plant viruses employing CRISPR methodology	VOLOUDAKIS ANDREAS	AGRICULTURAL UNIVERSITY OF ATHENS	-	167.900,00
4.	16383	Addressing One Health and EU Green Deal targets with the agroecological transition of society and crop production	TRAVLOS ILIAS	AGRICULTURAL UNIVERSITY OF ATHENS	UNIVERSITY OF PATRAS	167.900,00
5.	15453	Tomato Pest Management by Inorganic-based Nanostructures	DENDRINOUS-SAMARA AIKATERINI	ARISTOTLE UNIVERSITY OF THESSALONIKI	HELLENIC AGRICULTURAL ORGANIZATION - “DEMETER”	167.900,00
6.	16889	Characterization of Heat-stress effects using Omic Techniques in Cattle: molecular intervention checkpoints and development of minimally invasive biomarkers	CHATZIGEORGIOU ARTEMIS	HELLENIC PASTEUR INSTITUTE	UNIVERSITY OF THESSALY	167.900,00
7.	17000	Perovskite nanocrystals as sensing elements for non-invasive continuous monitoring of packaged food quality	SKANDAMIS PANAGIOTIS	AGRICULTURAL UNIVERSITY OF ATHENS	NATIONAL CENTRE FOR SCIENTIFIC RESEARCH “DEMOKRITOS”	167.900,00

8.	15743	Crop and livestock stress under climate change scenarios	PAPANASTASIOU DIMITRIS	UNIVERSITY OF THESSALY	ACADEMY OF ATHENS ARISTOTLE UNIVERSITY OF THESSALONIKI	167.859,00
9.	16794	RNAi technology to control plant vascular pathogens	PAPLOMATAS EPAMEINONDAS	AGRICULTURAL UNIVERSITY OF ATHENS	-	167.900,00
10.	16849	SCreening with AdvANced and Sophisticated methods to determine emerging marine micropollutants and chemicals from environmental microplastics in Aquaculture FEed and Fish	KONSTANTINOY IOANNIS	UNIVERSITY OF IOANNINA	-	167.900,00
11.	15391	Interplay between Antimicrobial Resistance and Food-related stresses at Individual cell level	KOUTSOUMANIS KONSTANTINOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	HELLENIC MEDITERRANEAN UNIVERSITY	167.900,00
12.	15572	Combating biofilms of foodborne bacterial pathogens through a novel biocontrol approach employing lactic acid bacteria (LAB) postbiotics as modulators of cell-to-cell communication	GKIAOURIS EFSTATHIOS	UNIVERSITY OF THE AEGEAN	-	167.900,00
13.	16231	Synergetic beneficial microbial consortia for improving plant productivity and adaptation in challenging environments	FLEMETAKIS EMMANOUIL	AGRICULTURAL UNIVERSITY OF ATHENS	HELLENIC AGRICULTURAL ORGANIZATION - "DEMETER" UNIVERSITY OF THESSALY	167.900,00
14.	16088	NATURAL bioactive compounds as alternatives to synthetic antioxidants and gut resiSTOME modifiers in poultry farming	TSIPLAKOU ELENI	AGRICULTURAL UNIVERSITY OF ATHENS	-	159.180,00

15.	15424	Yellow mealworms as a source of innovative solutions and products for the development of the bioeconomy in Greece	MATTHIOPOULOS KONSTANTINOS	UNIVERSITY OF THESSALY	-	167.900,00
16.	16845	Agro-Rice-Tools: Novel digital tools for weed mapping and sustainable use of herbicides in rice	CHACHALIS DIMOSTHENIS	BENAKI PHYTOPATHOLOGICAL INSTITUTE	HELLENIC AGRICULTURAL ORGANIZATION - "DEMETER"	167.899,00
17.	15714	Impact of the extrusion process on the allergenicity of foods	KARATHANOS VAIOS	HAROKOPIO UNIVERSITY	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	167.900,00
18.	16242	Smart Fish Farming	ANTONOPOULOS CHRISTOS	UNIVERSITY OF PELOPONNESE	UNIVERSITY OF PATRAS	144.016,00
19.	15455	Developing omics-driven tools for molecular breeding of cold-storage tolerant peach cultivars	MOLASIOTIS ATHANASIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	HELLENIC AGRICULTURAL ORGANIZATION - "DEMETER" UNIVERSITY OF WESTERN MACEDONIA BIOMEDICAL SCIENCES RESEARCH CENTRE "ALEXANDER FLEMING"	167.900,00

FUNDING LIST
(TA.4) “Mathematics and Information Sciences”

A/N	Proposal No.	Title	PI's Full Name	Host Institution	Collaborating Organisations	Approved Budget (€)
1.	15689	Ergodic theory with connections to arithmetic	FRANTZIKINAKIS NIKOLAOS	UNIVERSITY OF CRETE	-	127.260,00
2.	15642	Exploring the Role of Diffuse Infrared Communications in the Era of 6G	KARAGIANNIDIS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	-	169.950,00
3.	16046	Leveraging Voltage Margins and Error Resiliency at Large-Scale Computing	PSARAKIS MICHALIS	UNIVERSITY OF PIRAEUS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	169.950,00
4.	16973	Reliable Highly Parallel Systems by Design	GKIZOPOULOS DIMITRIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	ARISTOTLE UNIVERSITY OF THESSALONIKI	169.997,00
5.	16982	Theory and Applications of Scalable Gaussian Process Models	DELLAPORTAS PETROS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	-	164.560,00
6.	15866	Analysis of Large Discrete Structures	TYROS KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	-	100.000,00
7.	16636	Themis: Modeling, Measuring and Mitigating Bias in Online Information Platforms	TSAPARAS PANAGIOTIS	UNIVERSITY OF IOANNINA	-	170.000,00
8.	16819	ProperTy GrAphs at ScaLE	PLEXOUSAKIS DIMITRIOS	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	-	170.000,00

9.	15825	NONCOMMUTATIVE ANALYSIS: OPERATOR SYSTEMS AND NONLOCALITY	ANOUSIS MICHAIL	UNIVERSITY OF THE AEGEAN	-	166.000,00
10.	16762	Energy Efficient and Trustworthy Deep Learning	TEFAS ANASTASIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	-	169.930,00
11.	15206	Towards Predictable Performance in Elastic, Reliable and Secure Multitenant Systems	ANASTASIADIS STERGIOS	UNIVERSITY OF IOANNINA- UNIVERSITY RESEARCH CENTRE FOR RESEARCH AND INNOVATION	-	170.000,00
12.	16294	6G Network management infrastructure for cell-free based fronthaul networks	VERYKOUKIS CHRISTOS	"ATHENA" - INNOVATION RESEARCH CENTRE FOR INFORMATION TECHNOLOGIES, COMMUNICATIONS AND KNOWLEDGE	UNIVERSITY OF WESTERN MACEDONIA	169.800,00
13.	14910	Interfacial phenomena in stochastic reaction-diffusion systems and applications to mathematical finance	KARALI GEORGIA	FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS (FORTH)	-	166.000,00
14.	15877	Algorithmic Learning Theory and Incentives: Synergies in Optimization and Mechanism Design	MARKAKIS EVAGGELOS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	-	169.804,00
15.	15940	Counterfactuals for Clustering: Explainability, Fairness and Quality	LYKAS ARISTEIDIS	UNIVERSITY OF IOANNINA	-	141.500,00
16.	16811	Hybrid beamforming and deep learning techniques for mm-wave wireless networks	KANATAS ATHANASIOS	UNIVERSITY OF PIRAEUS	-	170.000,00

17.	14758	Geometric Evolution Equations and Isotopy Problems	CHALILAI ANDREAS-SAVVAS	UNIVERSITY OF IOANNINA	UNIVERSITY OF PATRAS	157.000,00
18.	15430	Rethinking Equilibria: Deep GNNs-based, Bayes-Stable Strategic Decision-Making under Uncertainty in Heterogeneous Multiagent Environments	CHALKIADAKIS GEORGIOS	TECHNICAL UNIVERSITY OF CRETE	-	168.197,00
19.	16469	Advanced artificial intelligence algorithms and methods for the processing of multimodal data and the rendering of Explainable AI content using visuo-haptic AR technologies	MOUSTAKAS KONSTANTINOS	UNIVERSITY OF PATRAS	"ATHENA" - INNOVATION RESEARCH CENTRE FOR INFORMATION TECHNOLOGIES, COMMUNICATIONS AND KNOWLEDGE	169.030,00
20.	14770	Harmonic Analysis and Number Theoretic Aspects on Discrete Structures	MALIKIOSIS ROMANOS-DIOGENIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	-	166.000,00
21.	16785	Higher Algebra and Representation Theory	PSAROUDAKIS CHRYSOSTOMOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	-	156.384,00