



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT AND INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION

**HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION**

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**ANNOUNCEMENT**

**1st AMENDMENT OF THE FUNDING LISTS FOR THE APPLICATIONS**

**submitted under the**

**“3rd Call for H.F.R.I. Scholarships to PhD Candidates”**

Following the decision under Ref. No. 49294/17.05.2022 of the H.F.R.I. Director titled “1st Amendment of the decision No. 43217/21.01.2022 of the Chair of the Scientific Council and acting Director of H.F.R.I. about the Publication of Funding Lists for the Applications that were submitted under the “3rd Call for H.F.R.I. Scholarships to PhD Candidates” (IUN: ΨΔΣΖ46Μ77Γ-ΞΘΞ), here follow the amended Lists for the Applications to be funded.

It shall be noted that the Lists are modified pertaining to

- i. the removal of Applications due to non-acceptance of the scholarship and non-submission of the necessary supporting documents for issuing the Funding Award Decisions,
- ii. the removal of the Application No. 6828 due to the revocation of the Funding Award Decision with Ref. No. 45719/20.03.2022 (IUN 627Φ46Μ77Γ-Λ9Ε),
- iii. the addition of Applications based on their ranking and the available budget of the Call per Scientific Area.

## FUNDING LISTS FOR THE APPLICATIONS

submitted in the Scientific Areas

**Physical Sciences (SA.1)**

**Engineering Sciences and Technology (SA.2)**

**Life Sciences (SA.3)**

**Agricultural Sciences – Food Science and Technology (SA.4)**

**Mathematics and Information Sciences (SA.5)**

**Social Sciences (SA.6)**

**Humanities & Arts (SA.7)**

**Environment and Energy (SA.8)**

**Management & Economics of Innovation (SA.9)**

**“3rd Call for H.F.R.I. Scholarships to PhD Candidates”**

The following Lists present the **Applications of all Scientific Areas that are to be funded**, based on their ranking and the available budget of the Call.

### FUNDING LIST PHYSICAL SCIENCES (SA.1)

A/N	Application No.	Title	Name and Surname of the PhD Candidate	Institution	Approved Budget
1.	5332	Reconstructing the Magnetic Field of the Milky Way via Astrophysical Techniques and Numerical Simulations	TSOUROS ALEXANDROS	UNIVERSITY OF CRETE	29.700,00 €
2.	6678	In vivo monitoring of the organic compounds in fruits during ripening and under abiotic stress	PATERAKI ANGELIKI	TECHNICAL UNIVERSITY OF CRETE	32.400,00 €
3.	6627	Development of untargeted screening methods by mass spectrometry in biological samples for investigation of environmental exposure to chemicals	DIAMANTI KONSTANTINA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	30.600,00 €
4.	5976	Design and Development of Novel Photochemical Organic Transformations and their Applications	KONSTANTINO KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	23.400,00 €
5.	5428	Design and development of bioreagents suitable for	MOULASIOTI VASILIKI	UNIVERSITY OF IOANNINA	18.000,00 €

		the production or action simulation of antivenom.			
6.	5525	Atomic transitions strongly driven by stochastic EM fields	MOULOUDAKIS GEORGIOS- EFTHYMIOS	UNIVERSITY OF CRETE	20.700,00 €
7.	6554	Conformal and non-conformal supergravity theories	LIATSOS NIKOLAOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	27.900,00 €
8.	6567	Characterization and analysis of microplastics in aquatic environmental samples and study of their formation's process	AINALI NINA MARIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	28.800,00 €
9.	6502	Large-scale monitoring campaigns of contaminants of emerging concern in the environment employing high resolution mass spectrometry	GALANI AIKATERINI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
10.	5860	Nonlinear waves and solitons in media with non-local nonlinearity	KOUTSOKOSTAS GEORGIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	17.100,00 €
11.	6211	Nonlinear optical properties of two-dimensional nanomaterials and other photonic materials	STAVROU MICHALIS	UNIVERSITY OF PATRAS	26.100,00 €
12.	5341	Analytical applications on high pressure liquid chromatography coupled to on-line post column derivatization	TSIASIOTI APOSTOLIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	26.100,00 €
13.	6702	Multifunctional composite materials by using graphene nanopieces	ZAFEIROPOULOU KONSTANTINA	UNIVERSITY OF PATRAS	32.400,00 €
14.	5176	Study of the active tectonics of Western Greece using InSAR-Seismology and Structural Geology	TSIRONI VARVARA	UNIVERSITY OF PATRAS	24.300,00 €
15.	6186	Development of novel biobased 3D printable polymeric materials with antibacterial properties	PAPADOPOULOS LAZAROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	16.200,00 €
16.	5618	Heterometallic 3d/4f coordination compounds with magnetic, optical and/or catalytic properties	PANTELIS KONSTANTINOS	UNIVERSITY OF PATRAS	20.700,00 €

17.	5754	Laser processes for the growth of nanostructured materials	PANOS STAVROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
18.	6199	Investigation of the effects of biotic and abiotic factors on the secondary metabolome of red algae of the genus <i>Laurencia</i>	POLYZOS NESTOR IOANNIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	18.000,00 €
19.	6322	Synthesis and study of luminescent metal organic frameworks	PSALTI ATHANASIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
20.	6836	Gravitational Wave Data Analysis for Present and Future Detectors	PESIOS DIMITRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
21.	5657	Effects of the equation of state on the process of the merger of a binary neutron star system	KANAKIS-PEGIOS ALKIVIADIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	21.600,00 €
22.	6356	Measurements of the inclusive jet production cross-sections and studies of Quantum Chromodynamics in the CMS experiment at the LHC	KOSMOGLOU-KIOSEOGLOU POLYDAMAS-GEORGIOS	UNIVERSITY OF IOANNINA	32.400,00 €
23.	5748	Synthesis of benzamidic heterocyclic derivatives	OUZOUNTHANASIS KONSTANTINOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	16.200,00 €
24.	6510	Chemical and biological sensors' development with a combination of a two-dimensional material and nanoparticles	KAINOURGIAKI MARIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	27.900,00 €
25.	6308	Methodologies for synthesis of bioactive compounds and study of their anti-cancer activity and their inhibitory activity against the SARS-CoV-2 main protease	THEODOROPOULOU MARIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	19.800,00 €
26.	6854	Synthesis, Characterization and Properties of Polymer Anionic Liquids	PAPADOPOULOS GEORGIOS	UNIVERSITY OF IOANNINA	17.100,00 €
27.	6353	Dust in the Mediterranean basin. Implications for regional climate and weather	GAVROUZOU MARIA	UNIVERSITY OF IOANNINA	12.600,00 €
28.	6248	Synthesis of linear and star copolymers consisting of blocks	ANGELOPOULOU-XANTHOPOULOU POLYXENI	NATIONAL AND KAPODISTRIAN	21.600,00 €

		with high Flory-Huggins interaction parameter $\chi$		UNIVERSITY OF ATHENS	
29.	6094	Modelling of cGNSS pre and postseismic time series in terms of non-extensive statistical physics, natural time analysis and Complexity theory.	PARTHENIOU ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
30.	6819	Study of the influence of pH in the toxicity of xenobiotics in aquatic organisms through toxicokinetics and metabolomics approaches utilizing high resolution mass spectrometric techniques	PANAGOPOULOU ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
31.	6431	Preparation and characterization of bi- and tri-metallic electrocatalysts for hydrogen and oxygen evolution reaction	TOUNI AIKATERINI	ARISTOTLE UNIVERSITY OF THESSALONIKI	17.100,00 €
32.	6184	Impact of oceanic warming on phytoplankton indices and higher trophic levels in the Eastern Mediterranean and Red Sea.	THEODOROU IASON	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
33.	5383	Deposition and characterization of synthetic antiferromagnets with broken symmetry	NTETSIKA PANAGIOTA	UNIVERSITY OF IOANNINA	21.600,00 €
34.	6223	Chirality Amplification and Detection using Cavity Optical Rotation Enhancement	XYGKIS MICHAEL	UNIVERSITY OF CRETE	29.700,00 €
35.	6478	Synthesis of fused quinazolin(on)e derivatives and study of their properties and applications	ZARPETEAS MARIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
36.	6040	Synergy of Earth observations and geoinformatic tools to meet the need for decision-making at urban and intra-urban scales, in the field of atmospheric pollution and population exposure	KAKOURI ANASTASIA	UNIVERSITY OF THE AEGEAN	32.400,00 €

37.	5985	Particle Acceleration with an Ultra - Intense Laser	GRIGORIADIS ANASTASIOS	UNIVERSITY OF IOANNINA	16.200,00 €
38.	5597	Study of neutron induced reactions on Ge isotopes	CHASAPOGLOU SOTIRIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
39.	5699	Formulation systems of poorly water-soluble drugs for oral administration	KAPOURANI AFRODITI	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.900,00 €
40.	5170	Development of hybrid polymeric nanocarriers of triiodothyronine for heart repair after myocardial infarction	SKOURTIS DIMITRIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	25.200,00 €
41.	6057	Omics applications in the analysis of complex mixtures and the discovery of active natural products	KAROUTZOU OLGA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
42.	5357	A study of the properties of the cold dust in nearby galaxies through observations at millimeter wavelengths	KATSIOLI STAVROULA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
43.	5846	Relativistic Quantum Information	ZOGOIANI PELAGIA	UNIVERSITY OF PATRAS	22.500,00 €
44.	6741	Development of innovative instrumentation and new methods for selection and analysis of experimental data towards searching New Physics at the High Luminosity Large Hadron Collider	TSIAMHS ANGELOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	16.200,00 €
45.	5884	On the EINSTEIN-MAXWELL-WEYL COUPLING	MAVROGIANNIS PANAGIOTIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	25.200,00 €
46.	5403	Development of methods and study of the neutrino flux with the KM3NeT neutrino telescope	TSOURAPIS VASILEIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
47.	5708	Synthesis of metal complexes with novel carboxylic pharmacophores as ligands	MALIS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
48.	5596	Construction and applications of innovative paper-based analytical devices	SOULIS DIONYSIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	25,200.00 €
49.	5710	Design and synthesis of near-infrared (NIR) fluorescent tracers with	NIGIANNI GEORGIA	NATIONAL AND KAPODISTRIAN	31,500.00 €

		application in biological systems.		UNIVERSITY OF ATHENS	
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<b>FUNDING LIST ENGINEERING SCIENCES AND TECHNOLOGY (SA.2)</b>					
<b>A/N</b>	<b>Application No.</b>	<b>Title</b>	<b>Name and Surname of the PhD Candidate</b>	<b>Institution</b>	<b>Approved Budget</b>
1.	6576	Oil spill motion and dispersion business simulation processes optimization and decision and response systems	KERAMEA PANAGIOTA	DEMOCRITUS UNIVERSITY OF THRACE	19.800,00 €
2.	6349	Digital Twins for Water Infrastructure	MORAITIS GEORGIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	20.700,00 €
3.	6796	Deep Learning Applications in Remote Sensing Problems	STIVAKTAKIS RADAMANTHYS	UNIVERSITY OF CRETE	16.200,00 €
4.	6522	Use of artificial intelligence to control the dynamic response of structures	DADOULIS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
5.	6511	Human-in-the-Loop Machine Learning	TOUMANIDIS LAZAROS	UNIVERSITY OF WEST ATTICA	32.400,00 €
6.	6838	Road accident risk factors and big data	MICHELARAKI EVANTHIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	26.100,00 €
7.	5718	Digital Twins for Condition Monitoring of Complex Engineering Networks	TROUSAS GEORGIOS	UNIVERSITY OF THESSALY	32.400,00 €
8.	6316	Impact assessment of ship emissions on air quality of urban areas using large eddy numerical models for simulating atmospheric transport phenomena	BOIKOS CHRISTOS KALLINIKOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	22.500,00 €
9.	6591	Exploitation of advanced algorithmic models in the interpretation and forecasting of non-motorized transport	KOPSACHEILIS ARISTOMENIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.000,00 €
10.	5238	Preparation of superconcentrated silver and copper oxide nanoparticle	DIMITRIOU EVGENIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	17.100,00 €

		suspensions for their use in printable conductive inks			
<b>11.</b>	<b>5537</b>	Artificial Intelligence Applications	LYMPERAIYOU MARIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	31.500,00 €
<b>12.</b>	<b>6803</b>	Automated Monitoring Systems for Wheeled Vehicles	KRITIKAKOS KYRIAKOS	UNIVERSITY OF PATRAS	29.700,00 €
<b>13.</b>	<b>6714</b>	Robust Fault Diagnosis for Railway Vehicles Under Uncertainty via Vibration Response Signals	VLACHOSPYROS GEORGIOS	UNIVERSITY OF PATRAS	18.900,00 €
<b>14.</b>	<b>5509</b>	Multi-Resolution Computational Methods for the Analysis of Highly Transient Dynamic Structural Responses using Wavelet Functions	DIMITRIOU DIMITRIOS	UNIVERSITY OF PATRAS	30.600,00 €
<b>15.</b>	<b>6628</b>	Development of nanocomposite membranes for water treatment applications.	TOURNIS IOANNIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	25.200,00 €
<b>16.</b>	<b>6168</b>	Static Timing Analysis, Delay Calculation and Timing Sign-Off Algorithms for small scale (sub-40nm) Digital Electronic Circuits	SIMOGLOU STAVROS	UNIVERSITY OF THESSALY	32.400,00 €
<b>17.</b>	<b>5188</b>	Contextualizing the emergence of engineering ethics	KONSTANTIS KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	28.800,00 €
<b>18.</b>	<b>6681</b>	Performance Evaluation of V2X Communications	KERAMIDI EIRINI-LYDIA	UNIVERSITY OF PELOPONNESE	21.600,00 €
<b>19.</b>	<b>5349</b>	Serverless computing: Architectures and Resource Management	TZENETOPOULOS ACHILLEAS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	31.500,00 €
<b>20.</b>	<b>5669</b>	Development of novel solid dosage forms for pediatric drug administration	CHACHLIOUTAKI KONSTANTINA	ARISTOTLE UNIVERSITY OF THESSALONIKI	30.600,00 €
<b>21.</b>	<b>5837</b>	The definition of intelligence through the empirical, correlational turn of Artificial Intelligence and potential	SALTA STYLIANI	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €

		applications of it in the field of Architecture			
22.	5322	Resource Management Methodologies of architectures for edge & fog computing	LAMPRAKOS CHRISTOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	19.800,00 €
23.	6653	Algorithms development for hybrid vehicle operation and simulation of their energy consumption	ALETRAS NIKOLAOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	19.800,00 €
24.	5706	Multi-Scale Simulations and Structure-Property Relationships for Nanoparticles in Catalysis	GIAPPA RAFAELA MARIA	UNIVERSITY OF CRETE	32.400,00 €
25.	6618	Complete thermal management in low emission vehicles	BESINAS DIMITRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	23.400,00 €
26.	6033	Preparation and evaluation of novel dual-function materials for the combined capture and conversion of CO2 into synthetic natural gas	TSIOTSIAS ANASTASIOS	UNIVERSITY OF WESTERN MACEDONIA	27.000,00 €
27.	6693	Development and application of a numerical methodology for the assessment of gaseous pollutants deposition from maritime emissions at sea surface	RAPKOS NIKOLAOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	19.800,00 €
28.	5351	Valorization of Fermentable Waste for Bioplastic Production	FILIPPOU KONSTANTINA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
29.	5775	Simulation of the seismic response of rocking monumental structures	CHRISTODOULOU ANDRONIKI	UNIVERSITY OF THESSALY	32.400,00 €
30.	5869	Design and analysis of new electrochemical devices for medical applications	BALKOURANI GEORGIA	UNIVERSITY OF THESSALY	25.200,00 €
31.	5471	Restoration and modernism - Assessment of restoration-rehabilitation projects on our post war, modern architectural	SAKKOS DIMOSTHENIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	24.300,00 €

		heritage of 50's and 60's			
32.	5854	Modelling and Simulation of Elastoviscoplastic Materials	MOSCHOPOULOS PANTELIS	UNIVERSITY OF PATRAS	21.600,00 €
33.	5578	Machine Learning as a Service for Mobile Devices	PANOPOULOS IOANNIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	31.500,00 €
34.	6232	Mixed reality, biosensor and artificial intelligence technologies supporting surgery practice and education	NTAKAKIS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	28.800,00 €
35.	6138	Design and implementation of surfaces with artificial electrical and magnetic properties for telecommunications applications and electromagnetic wave propagation	NTOKOS KONSTANTINOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
36.	6574	Damage detection and monitoring in advanced composites by means of innovative non-destructive testing methods	KOUTSOTOLIS LAMPROS	UNIVERSITY OF IOANNINA	25.200,00 €
37.	5910	Development of an Innovative Transport and Supply Chain Model for Humanitarian Crisis Management with the Support of Internet of Things (IoT) Technology and Unmanned Aerial Vehicles (drones)	ARETOULAKI ELENI	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	16.200,00 €
38.	6326	Development of Painting Restoration Methodologies, by using Industrial Geodesy Methods	IOANNIDOU STEFANIA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
39.	5857	Development of a low-cost device and software for measuring surface wetting properties	SOURAIS ALEXANDROS-GEORGIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
40.	6220	Design Techniques of Parallel Accelerator Architectures for Real-Time Processing	PAPATHEOFANOUS ELISSAIOS-ALEXIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €

		of Learning Algorithms			
41.	5533	Smart and resilient urban infrastructure systems: an integrated approach	TZIOUTZIOU ANASTASIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	21.600,00 €
42.	6646	Machine Learning Techniques in Wireless Communications	REKKAS VASILEIOS-PANAGIOTIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.900,00 €
43.	6179	CFD-aided optimization methods applying on novel Unmanned Aerial Vehicle (UAV) configurations	KAPSALIS STAVROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	19.800,00 €
44.	5547	Optimal design of power electronic devices for power quality assurance in DC microgrids	RIGOIANNIS NIKOLAOS	DEMOCRITUS UNIVERSITY OF THRACE	18.000,00 €
45.	5426	Development of materials for electrochemical devices for energy conversion and storage	MOLOCHAS KONSTANTINOS	UNIVERSITY OF THESSALY	22.500,00 €
46.	5889	Design and applications of Internet of Things and 5G/6G networks	TZANETTIS IOANNIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	31.500,00 €
47.	5675	Utilization of food waste and sludge for the production of gaseous biofuels through anaerobic digestion and microbial fuel cells	KANELLOS GERASIMOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
48.	6754	Biotechnological degradation of plastics	TAXEIDIS GEORGIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	27.000,00 €
49.	5285	Development of Bio-inspired antenna systems for 5th generation Wireless Communications	KYRIAKOU ANTIGONI AIKATERINI	DEMOCRITUS UNIVERSITY OF THRACE	32,400.00 €
50.	6335	Optimal utilization of urban streams, based on their hydraulic characteristics and the pressures they receive. Management and Planning in the Urban Complex of Thessaloniki.	TSOUMALAKOS STAVROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	19,800.00 €

<b>51.</b>	<b>6014</b>	Aerodynamic performance of aircraft at flight speeds reported in compressor flow	BLIAMIS CHRISTOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	16,200.00 €
<b>52.</b>	<b>5620</b>	Elasticity of Virtual Network Functions	PENTELAS ANGELOS	UNIVERSITY OF MACEDONIA	21,600.00 €
<b>53.</b>	<b>6822</b>	Study of the utilization of lignin for energy recovery through anaerobic digestion	MANTHOS GEORGIOS	UNIVERSITY OF PATRAS	32,400.00 €
<b>54.</b>	<b>5882</b>	Development of advanced waste treatment processes supported by renewable energy technologies	LALAS KOSMAS	UNIVERSITY OF WESTERN MACEDONIA	32,400.00 €

**FUNDING LIST  
LIFE SCIENCES (SA.3)**

<b>A/N</b>	<b>Application No.</b>	<b>Title</b>	<b>Name and Surname of the PhD Candidate</b>	<b>Institution</b>	<b>Approved Budget</b>
<b>1.</b>	<b>5664</b>	Synaptic Engram on flexible behavior	PANDI IOANNA	UNIVERSITY OF CRETE	18.000,00 €
<b>2.</b>	<b>6674</b>	“Study of the role of Mcldas in differentiating decisions towards ependymal cells”	LOKKA GEORGIA	UNIVERSITY OF PATRAS	32.400,00 €
<b>3.</b>	<b>5795</b>	Investigation of the functional role of Deubiquitinase CYLD in the myocardium	PAPATHEODOROU IOANNA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
<b>4.</b>	<b>6526</b>	The role of the borderline of the plant cell in cell fate	MENTZELOPOULOU ANDRIANI	UNIVERSITY OF CRETE	21.600,00 €
<b>5.</b>	<b>5691</b>	Identification and functional characterization of long non-coding RNAs that are involved in intestinal homeostasis and carcinogenesis	GALARAS ALEXANDROS	UNIVERSITY OF THESSALY	16.200,00 €
<b>6.</b>	<b>5947</b>	The role of metacaspases and metacaspase-like complexes in plant physiology	CHATZIANESTIS IOANNIS	UNIVERSITY OF CRETE	21.600,00 €
<b>7.</b>	<b>6605</b>	Molecular analysis of insecticide resistance mechanisms in	BALASKA SOFIA	UNIVERSITY OF CRETE	21.600,00 €

		Phlebotomus sandflies, vectors of leishmaniasis			
<b>8.</b>	<b>5195</b>	Illuminating the role of Cancer Associated Fibroblasts (CAFs) in tumor development and response to therapy	VARVERI ATHINA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
<b>9.</b>	<b>5880</b>	Molecular and Cellular investigation of pancrustacean appendage development	RALLIS IOANNIS	UNIVERSITY OF CRETE	31.500,00 €
<b>10.</b>	<b>5845</b>	Immunobiological evidence for the role of cytidine deaminase in the ontogeny of chronic lymphocytic leukemia	SOFOU ILEKTRA	ARISTOTLE UNIVERSITY OF THESSALONIKI	26.100,00 €
<b>11.</b>	<b>5879</b>	A study of genetic mechanisms and metabolic pathways which are implicated in fungal endophytism by entomopathogenic fungi belonging to order Hypocreales.	KORTSINOGLOU ALEXANDRA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	31.500,00 €
<b>12.</b>	<b>5707</b>	The role of SATB1 in the T cell chromatin landscape	PAPAMATTHAIAKIS DIONYSIOS ALEXANDROS	UNIVERSITY OF CRETE	32.400,00 €
<b>13.</b>	<b>5623</b>	Emerging technologies in the rational design and development of drug-drug cocrystal solid dispersions.	KARAGIANNI ANNA	ARISTOTLE UNIVERSITY OF THESSALONIKI	24.300,00 €
<b>14.</b>	<b>5295</b>	Regulation mechanisms of RNA metabolism in cardiac pathophysiology	PALIOURA DIMITRA	ARISTOTLE UNIVERSITY OF THESSALONIKI	16.200,00 €
<b>15.</b>	<b>6318</b>	Investigation of the Role of RISC-Complex Proteins in the Development of Hepatic Pathology, with Emphasis on Hepatocellular Carcinoma	THEOTOKI ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	27.900,00 €
<b>16.</b>	<b>5353</b>	Development and in vitro/ in vivo evaluation of nasal drug delivery systems	PAPAKYRIAKOPOUL OU PARASKEVI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	23.400,00 €
<b>17.</b>	<b>5385</b>	Study of estrogen receptor in parallel with lipid profile in Systemic Lupus Erythematosus	VELESIOTIS CHRISTOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	31.500,00 €
<b>18.</b>	<b>6729</b>	Regulation of the expression and biologic activity of BAFF	NIKOLERI DIMITRA	UNIVERSITY OF CRETE	16.200,00 €

		through the Interferon- a / autophagy axis in Systemic Lupus Erythematosus.			
19.	5266	Phytochemical investigation of traditional medicinal plants of Oleaceae family using modern analytical approaches	ANTONIADI LEMONIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	19.800,00 €
20.	6141	Spatio-temporal regulation of conventional dendritic cells type 1 in cancer.	AERAKIS EMMANOUIL	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
21.	6236	Comparative and functional genomics of plant-endophytic fungi interactions	TSIOURI OLGA	UNIVERSITY OF THESSALY	29.700,00 €
22.	5496	Study of the functional role of DNA Damage in cells of the immune system of mice	NIOTIS GEORGIOS	UNIVERSITY OF CRETE	27.900,00 €
23.	6027	Investigation of tetraglyme biological effects on aquatic species and in vitro experimental models	CHARALAMPOUS NIKOLINA	UNIVERSITY OF PATRAS	32.400,00 €
24.	5726	Deciphering the relation of the microbiome interactome with ecosystem function and biogeochemical processes	PARAGKAMIAN SAVVAS	UNIVERSITY OF CRETE	21.600,00 €
25.	6182	Targeting p90rsk for the development of novel anticancer therapies	LAFAZANIS KONSTANTINOS	UNIVERSITY OF THESSALY	32.400,00 €
26.	6174	Investigating the role of RNASE III proteins and their interaction with viroids	KALLEMI PARASKEVI	UNIVERSITY OF CRETE	21.600,00 €
27.	6761	Oncolytic lentiviral vectors as an alternative therapeutic approach for multiple myeloma	KALAFATI ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
28.	6671	Age-dependent mechanisms of innate immune host responses to Group B streptococcus	LAPI IOANNA	UNIVERSITY OF CRETE	32.400,00 €
29.	5177	Functional role of the RasGAP Neurofibromin isoforms in Central Nervous System Cells	PETA CHARIKLEIA	UNIVERSITY OF THESSALY	25.200,00 €
30.	5747	Escape from oncogene induced senescence	ANGELOPOULOU ANDRIANI	NATIONAL AND KAPODISTRIAN	20.700,00 €

				UNIVERSITY OF ATHENS	
31.	6204	Study of responses to genetic damage by high performance methods in mice with inherent damage to the nucleotide repair mechanism.	AKALESTOU ALEXIA	UNIVERSITY OF CRETE	22.500,00 €
32.	5900	Towards the understanding of the neuron-glia interplay in stress-driven Alzheimer's brain pathology and protection	VAMVAKA IAKOVOU ANASTASIA	UNIVERSITY OF IOANNINA	32.400,00 €
33.	5553	Combination therapy with phages and antibiotics against multidrug-resistant Pseudomonas aeruginosa isolates.	PARANOS PASCHALIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
34.	6054	Investigation of the occurrence of antibiotic-resistant strains of Escherichia coli, Klebsiella pneumoniae and Acinetobacter spp. in samples of chicken carcasses and meat, environment and people, based on the principle of One Health.	TSITSOS ANESTIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	20.700,00 €
35.	6123	Study of the significance of non-coding RNAs (ncRNAs) and cell-free DNA (cfDNA) in bladder cancer	PAPADIMITRIOU MARIA ALEXANDRA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	19.800,00 €
36.	5207	Development of algorithms for estimating time since death based on the decomposition changes in bodies recovered from different locations in Greece	KARYDI CHRISTINA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	28.800,00 €
37.	5430	Study of the effect of iatrogenic perforation of the root canal wall on the fracture resistance of endodontically treated teeth.	KAKOURA FLORA	ARISTOTLE UNIVERSITY OF THESSALONIKI	22.500,00 €
38.	6731	Dissecting Orientation Selectivity in L2/3 V1 Neurons Using Detailed Computational Models	PETOUSAKIS KONSTANTINOS-EVANGELOS	UNIVERSITY OF CRETE	17.100,00 €

39.	5148	Investigating the role of T-bet+ B cells (ABCs/DNs) in the pathogenesis of systemic lupus erythematosus (SLE).	SACHINIDIS ATHANASIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
40.	6498	Human vascular organoids as a model system to study retinal diseases	APOSTOLIDI AIKATERINI	UNIVERSITY OF IOANNINA	32.400,00 €
41.	6624	Development of technologies for the simultaneous introduction of multiple unnatural amino acid residues into combinatorial libraries of recombinant protein and peptide variants.	KARYDA EFTYCHIA	UNIVERSITY OF THESSALY	28.800,00 €
42.	6563	The role of fibroblasts in initiation and maintenance of inflammation in connective tissue	PAFLIOTI ELENI	UNIVERSITY OF CRETE	21.600,00 €
43.	5441	Genetic interaction of Tau protein with actin binding proteins in vivo	PRIFTI ENTZI	AGRICULTURAL UNIVERSITY OF ATHENS	32.400,00 €
44.	6325	Identification and functional verification of new molecular targets of blood – cerebrospinal fluid and exosomes from patients with neurodegenerative diseases	CHATZIEFSTATHIOU ATHANASIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
45.	6381	Dissecting molecular mechanisms of interaction of Mucorales with neutrophils	BAIMPA STAVROULA	UNIVERSITY OF CRETE	32.400,00 €
46.	6604	Studying the molecular mechanisms underlying pathogenicity of phytopathogenic bacteria <i>Ralstonia solanacearum</i> and <i>Xylella fastidiosa</i>	TSAKIRI DIMITRA	UNIVERSITY OF CRETE	21.600,00 €
47.	6579	The effect of CART on motor neurons and the investigation of the existence of a neurotrophic factor in C-Boutons	TSAPE EIRINI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	17.100,00 €
48.	5346	RANKL and mechanisms of carcinogenesis in transgenic mice	GKIKOPOULOU EVI	AGRICULTURAL UNIVERSITY OF ATHENS	22.500,00 €

49.	5755	Molecular analysis of psoriatic arthritis for determination of susceptibility, activity and response to treatment signatures	GRIVAS ALEXANDROS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
50.	6704	The role of transcriptional adaptors GCN5 and ADA2b in Arabidopsis thaliana responses to brassinosteroids	PAPADIMITRIOU ALEXANDROS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
51.	5554	Investigation of the role of alternative pre-mRNA splicing products of apoptosis-involved genes in the programmed cell death of human cells.	ARTEMAKI PINELOPI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	19.800,00 €
52.	6654	Investigation of the aggregation mechanism of the pathological ataxin-1 protein and potential pharmacological inhibitory approaches	GKEKAS IOANNIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	16.200,00 €
53.	5277	Study of the interactions between glucocorticoids and neurotrophins in normal and neuropathological conditions	TSIMPOLIS ALEXANDROS	UNIVERSITY OF CRETE	32,400.00 €
54.	5962	Cognitive deficits in the First Psychotic Episode: Study of oculomotor and electrophysiological indicators - focus on intra-atomic variability.	MARGELI MYRTO	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32,400.00 €
55.	6135	Investigation of the role of bone marrow regulatory T cells (Tregs) in the induction of anti-cancer immunity and immunotherapeutic responses in cancer	PAPAFRAGKOS IOSIF	UNIVERSITY OF CRETE	32,400.00 €
56.	6506	Detection of biophysical and molecular indicators of the effect of ionizing radiation through experimental and computational methods.	VASILEIOU CHRISTINA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	20,700.00 €

**FUNDING LIST**  
**AGRICULTURAL SCIENCES – FOOD SCIENCE AND TECHNOLOGY (SA.4)**

<b>A/N</b>	<b>Application No.</b>	<b>Title</b>	<b>Name and Surname of the PhD Candidate</b>	<b>Institution</b>	<b>Approved Budget</b>
1.	6573	Biological activity of secondary metabolites from marine invertebrates	VRATSISTAS ANDREAS	UNIVERSITY OF THESSALY	16.200,00 €
2.	5735	Regulation of iron homeostasis in maize ( <i>Zea mays</i> L.)	VENTOURIS IOANNIS	AGRICULTURAL UNIVERSITY OF ATHENS	20.700,00 €
3.	6001	Study of interaction mechanisms between the host plant (tomato, <i>Solanum lycopersicum</i> ) and the parasitic weeds ( <i>Phelipanche</i> spp.), in order to investigate the development of the host's resistance to the parasite	GERAKARI MARIA	AGRICULTURAL UNIVERSITY OF ATHENS	28.800,00 €
4.	6249	Development of innovative starch-based food products and evaluation of their microstructure on the digestion and absorption of carbohydrates and their role in the enhancement of metabolic response	KANATA MARIA CHRISTINA	HAROKOPIO UNIVERSITY	28.800,00 €
5.	5999	Epidemiology and evolution of grapevine leafroll associated viruses	PANAILIDOU POLINA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
6.	5949	Investigation of the prevalence, presence of pathogenic microorganisms, subpopulations and risk factors for <i>Dermanyssus gallinae</i> mite in laying hens in Greece, as well as the in vitro evaluation of silver nanoparticles to control it	SIOUTAS GEORGIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	26.100,00 €
7.	6422	Evaluation of the Efficiency of Agricultural Knowledge and Innovation System in Greece	AMERANI EPISTIMI	ARISTOTLE UNIVERSITY OF THESSALONIKI	23.400,00 €

8.	6535	Optimization of the false seedbed cultural practice and comparative evaluations of its implementation in field crops.	GAZOULIS IOANNIS	AGRICULTURAL UNIVERSITY OF ATHENS	21.600,00 €
9.	5352	The effect of volatile compounds of microbial origin on the treatment of <i>Verticillium dahliae</i>	POULAKI EIRINI	AGRICULTURAL UNIVERSITY OF ATHENS	19.800,00 €
10.	6200	Phytopathological and molecular investigation of grapevine trunk diseases	TSOUKAS CHRISTOS	AGRICULTURAL UNIVERSITY OF ATHENS	28.800,00 €
11.	5666	Study of genetic and epigenetic diversity of natural populations of native plant species and investigation of their adaptation to adverse environments	STATHI EFTHALIA	AGRICULTURAL UNIVERSITY OF ATHENS	21.600,00 €
12.	6216	Genomic analysis of acaricide resistance in major and emerging agricultural pests	CHARAMIS IASON	UNIVERSITY OF CRETE	27.900,00 €
13.	5704	High-Throughput Computational Analysis of non-coding Mechanisms and epigenetic Marks in the Pathophysiology of Stress	TSIFINTARIS MARGARITIS	DEMOCRITUS UNIVERSITY OF THRACE	28.800,00 €
14.	6705	Response of the Insect Halyomorpha Halys (Hemiptera: Pentatomidae) to Physical and Chemical Stimuli	KOUTSOGEORGIU ELENI	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
15.	6587	Isolation of new strains of microalgae from the Ionian Sea, biochemical characterization and adaptive evolution of selected strains	DRITSAS PANAGIOTIS	UNIVERSITY OF PATRAS	21.600,00 €
16.	6104	Utilization of Greek predatory insects (Miridae) for use in the biological control of <i>Tuta absoluta</i> (Megrick) (Lepidoptera: Gelechiidae)	GIAKOUMI ELENI	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
17.	6212	Multitrophic aquaculture of fishes,	CHATZIVASILEIOU DIMITRA	UNIVERSITY OF CRETE	27.900,00 €

		holothurians and bivalves: Mitigating environmental impact and safe consumption.			
18.	6050	Molecular characterization and study of genes related with resistance in pathogens and stress in marine bivalves of Greece	PAPADOPOULOS DIMITRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	30.600,00 €
19.	6158	Utilization of byproducts of vitivinicultural origin for the production of quality wines	KOKKINOMAGOULOS EVANGELOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.900,00 €
20.	6251	Study and optimization of processes for the recovery of high added value components from fishery byproducts	SEMENOGLOU IOANNA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	16.200,00 €
21.	6750	Interactions between plants and microorganisms in the restoration of soil deposition functions of sterile quarries in arid thermal environments	LEVENTIS GEORGIOS	AGRICULTURAL UNIVERSITY OF ATHENS	32,400.00 €

**FUNDING LIST  
MATHEMATICS AND INFORMATION SCIENCES (SA.5)**

A/N	Application No.	Title	Name and Surname of the PhD Candidate	Institution	Approved Budget
1.	5163	Algorithmic and Game-theoretic Aspects of Computational Social Choice	PAPASOTIROPOULOS GEORGIOS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	18.000,00 €
2.	5779	High-Dimensional Probability	PAFIS MINAS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
3.	5367	Ergodic theory and applications to combinatorics and number theory	TSINAS KONSTANTINOS	UNIVERSITY OF CRETE	25.200,00 €
4.	6547	Finding k-connected components, and other related graph	KOSINAS EVANGELOS	UNIVERSITY OF IOANNINA	31.500,00 €

		connectivity problems			
5.	6372	Cooperative Navigation of Automated Vehicles and Path Planning	PIPERIGKOS NIKOLAOS ANTONIOS	UNIVERSITY OF PATRAS	32.400,00 €
6.	6532	Numerical analysis in parameter identification problems	PAPADOPOULOS VASILEIO	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	21.600,00 €
7.	5245	K-spanning trees, partial coverage and budget connected domination in biological networks	VAXEVANAKIS IOANNIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
8.	5579	Representation theory of pullback algebras: Gornstein homological algebra and homological conjectures	GIATAGANTZIDIS ODYSSEAS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
9.	6620	Models of computational biomarkers in neuroinformatics	SKOLARIKI KONSTANTINA	IONIAN UNIVERSITY	27.000,00 €
10.	5724	Stochastic Analysis and Mathematical Finance in a model-free setting	THEODORAKOPOULOS STEFANOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	21.600,00 €
11.	5959	Data Analysis Applications in Software Engineering	KOTTI ZOI	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	26.100,00 €
12.	5161	Linear Groups, Residual Properties and their Lie Algebras	TSIPA DAFNI	UNIVERSITY OF THE AEGEAN	30.600,00 €
13.	6011	Optimization Methods for Complex Event Recognition	MANTENOGLOU PERIKLIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
14.	6234	Multi-scale modeling of non-equilibrium molecular systems using statistical analysis techniques	BAXEVANI GEORGIA	UNIVERSITY OF CRETE	16.200,00 €
15.	6744	Neural Network Design Methodologies in FPGA SRAM with Emphasis on High Reliability	SOUVATZOGLOU IOANNA	UNIVERSITY OF PIRAEUS	27.000,00 €
16.	5631	Deep Learning and its Applications in Big Data Networks Performance Improvement	FRAGKOU EVANGELIA	UNIVERSITY OF THESSALY	20.700,00 €

17.	6812	Improving Serverless Computing: Orchestration, Elasticity and Fault Tolerance	TSENOS MICHAEL	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	21.600,00 €
18.	6189	Machine Learning & Computer Vision	ARVANITIS NIKOLAOS	UNIVERSITY OF PATRAS	16.200,00 €
19.	5647	Graph representations learning with generative adversarial networks	ZERVOU MICHAELA ARETI	UNIVERSITY OF CRETE	25.200,00 €
20.	5964	Neural Networks Inspired by Ordinary Differential Equations	GEORGANTOPOULOS PANAGIOTIS	UNIVERSITY OF PATRAS	21,600.00 €
21.	5282	Human-Robot Interaction: Assessment of the characteristics of humanoid robots and their contribution to learning processes	VELENTZA ANNA-MARIA	UNIVERSITY OF MACEDONIA	21,600.00 €
22.	5670	Development of Algorithms for Data Approaches and Analytics under Constraints of Departmental Monotony	PERDIKAS IOANNIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21,600.00 €
23.	6749	Transparent and Explained Deep Learning and Artificial Intelligence	ARSENOS ANASTASIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	31,500.00 €

**FUNDING LIST  
SOCIAL SCIENCES (SA.6)**

A/N	Application No.	Title	Name and Surname of the PhD Candidate	Institution	Approved Budget
1.	5381	A psychophysiological perspective of self-talk and flow in sport	PANOULAS THOMAS ORESTIS	UNIVERSITY OF THESSALY	32.400,00 €
2.	5503	Teaching nanotechnology concepts to early primary school children through the use of digital technologies	DOROUKA PANDORA	UNIVERSITY OF CRETE	16.200,00 €
3.	5268	A multi-study examination of the	STOUMPOU DIMITRA	ATHENS UNIVERSITY OF	21.600,00 €

		antecedents and outcomes of phronetic leadership.		ECONOMICS AND BUSINESS	
4.	6525	Subjectivity and self-narratives about gender and sexuality in contemporary literature: a feminist/queer approach	THEODOSIOU ALIKI	UNIVERSITY OF THESSALY	25.200,00 €
5.	6779	Textual analysis of corporate financial data: Empirical study	SOTIROPOULOU VIRGINIA ATHANASIA	UNIVERSITY OF PATRAS	20.700,00 €
6.	6765	Transnational Queer Cinema: Expanding solidarity across borders - queering the global sexual rights regime	DERZIOTI OLGA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
7.	5806	Decision making in conditions of uncertainty and risk management of arable crops	PRENTZAS ANGELOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.900,00 €
8.	6262	Inventory management systems under different forms of supply uncertainty	KARAKATSOULIS GEORGIOS	UNIVERSITY OF IOANNINA	18.900,00 €
9.	6190	Criminal liability of credit rating agencies in the context of the operation of the capital market and the distribution of investment products by financial institutions	KOSINA IOULIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	20.700,00 €
10.	5253	Asymmetric Cost Behavior, Intangibles and their relationship with Fraud and Financial Leverage	NTOUNIS DIMITRIOS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	32.400,00 €
11.	5676	Possible Selves of Adolescents in a changing and challenging world: The school as a motivating context for shaping hoped-for academic Possible Selves	EFTHYMIADOU EVROPI	ARISTOTLE UNIVERSITY OF THESSALONIKI	19.800,00 €
12.	5819	Assessment of scientific reasoning skills	CHIONAS GEORGIOS	UNIVERSITY OF IOANNINA	32.400,00 €
13.	6139	The transformative role of participation: In search of the characteristics of citizenship	LINARDOU ALEXANDRA	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	20.700,00 €

		participation within multiple scales of decision making			
14.	6289	Global Political Risk in a Post-Pandemic World	VITOROVIC DRAGAN	ARISTOTLE UNIVERSITY OF THESSALONIKI	31.500,00 €
15.	6209	COMPOSITE ADMINISTRATIVE PROCEEDINGS	GIANNAKAKIS PAVLOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	23.400,00 €
16.	5595	THE CLARIFICATIONS OF TENDERS IN PUBLIC PROCUREMENT LAW	GOUPOU DESPOINA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	25.200,00 €
17.	5539	Awareness as a reason for excluding the creditor's rights	LIMPITSIOUNI SELINI	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.000,00 €
18.	5833	The role of Digital Marketing in the Export Trade of B2B Business	MOURATIDOU EVA	UNIVERSITY OF MACEDONIA	27.000,00 €
19.	6419	The criminal evaluation of collective action within criminal organizations	CHATZOPOULOS KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	24.300,00 €
20.	5220	Psychological, Physical and Sociocultural Adjustment of Refugees as a Process of Social Identity Change: Applying the Social Identity Model of Identity Change	PANAGIOTOPOULO S ANGELOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
21.	5610	Investigating school and university students' thinking in chemical analysis topics	MAVRIDI MARIA	IONIAN UNIVERSITY	32.400,00 €
22.	5899	Explaining the extreme right-wing political violence in Southern Europe during the period of the Great Recession (2008-2018)	SARIDAKIS NIKOLAOS - ZACHARIAS	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	32.400,00 €
23.	6390	Human - Robot Interaction in an Augmented Reality Learning Environment	PASALIDOU CHRISTINA	UNIVERSITY OF MACEDONIA	28.800,00 €
24.	5659	Learning Innovations with Programmable Mathematics: the case of Periodicity	KARAVAKOU MYRTO	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	17.100,00 €

25.	5978	Three essays on Bayesian Econometrics	PAPAPANAGIOTOU GEORGIOS	UNIVERSITY OF MACEDONIA	27.000,00 €
26.	5192	Development of an Intervention Program to enhance Reading Comprehension and Writing for Children with Learning Disabilities	KOKKALI VASILIKI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	29.700,00 €
27.	6115	The Transformations of the Political Staff during the era of crisis: The SYRIZA case	SOTIROPOULOU MARIA	UNIVERSITY OF CRETE	24.300,00 €
28.	5577	Discourse Analysis on Contemporary Events That Affected Greek-Albanian Relations. Formation of Political Identities	GKOURIS DIONYSIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	25.200,00 €
29.	5986	The risk of property loss regarding the crimes of fraud and fraud by abuse of position	NTAGGINΗΣ MIXAHA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	24.300,00 €
30.	5459	The impact of public policies on well-being.	PAPADIOTI FOTEINI-ANTONIA	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	21.600,00 €
31.	6711	The Principle of Financial Statements' Comparability: Development of New Measuring Methods Using Textual Analysis and Comparability's Impact on Financial Statements	MOUSSIOUNAS ANASTASIOS	UNIVERSITY OF MACEDONIA	23.400,00 €
32.	5702	Primary and post primary students' scientific literacy: Development and validation of a research instrument	SARGIOTI AIKATERINI	UNIVERSITY OF IOANNINA	32.400,00 €
33.	6454	The role of educational technology and gamification in improving education, cognitive and social-emotional development and 21st century skills cultivation: Development and evaluation of virtual	LAMPROPOULOS GEORGIOS	INTERNATIONAL UNIVERSITY OF GREECE	27.000,00 €

		and augmented reality applications, artificial intelligence tools and serious games			
34.	5817	THE CONCEPT OF INTERNAL AND EXTERNAL ENEMY IN THE POLITICAL DISCOURSE OF AKP - Examination and Analysis of the qualitative characteristics of political discourse in Turkey through the critical processing of R. T. Erdogan's speeches (2014-2020)	KOTSAKIDOU IRALIA	IONIAN UNIVERSITY	32.400,00 €
35.	6806	Essays on household finance	YFANTIS NIKOLAOS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	27.000,00 €
36.	5338	The interconnection of corporate governance, internal and external audit and accounting to the most efficient operation of a company	ZAROLEA THEODORA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
37.	6513	Massive Open Online Courses (MOOC): Cultivating digital skills in pre-service and in-service teachers of General and Special Education in the context of inclusive education	CHOROZIDIS GEORGIOS	UNIVERSITY OF THESSALY	18.000,00 €
38.	5199	Groups of Companies – between real economy and legal doctrine	GKOUNTELA ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	18.000,00 €
39.	5742	Gender and Sexuality in Europe's Muslim Question	SALOUSTROS ALEXANDROS	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	21.600,00 €
40.	6365	Educational Data Mining for the Advancement of Learning and Collaborating. Preparing Learners for the Challenges of the 21st century	STOLAKI AFRODITI	UNIVERSITY OF MACEDONIA	30.600,00 €

41.	6519	The subversive dimension of festivity in public place and its controversial aspects. Comparative study in cities and regions of Greece, before and after the pandemic.	ZACHARAKI MARA	UNIVERSITY OF THE AEGEAN	32.400,00 €
42.	6061	Morphosyntactic processing of ambiguous sentences: the role of prosody and its interaction with cognitive and linguistic factors.	KARAVASILIS GAVRIIL	UNIVERSITY OF PATRAS	18.000,00 €
43.	5562	The concept of "Transfer of Businesses" in accordance with Directive 2001/23 and the Presidential Decree no. 178/2002 and a more specific approach to insolvency proceedings.	POLYCHRONIADOU ANGELIKI	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.000,00 €
44.	6007	Towards an immanentist conception of the social: Baruch Spinoza and Pierre Bourdieu	KAMPITSI MARIA	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	21.600,00 €
45.	5175	The New Precarious Labor Paradigm: The Case of Working through Third Parties	KOKKINOY CHAROULA	UNIVERSITY OF CRETE	31.500,00 €
46.	6830	Constructing self-organized projects in times of crisis. The meanings of solidarity to the travelers in need in Greece, Malta and Italy.	IMAMOGLOU CHALIL	UNIVERSITY OF THE AEGEAN	31.500,00 €
47.	5329	The role of speed, biological movement and experience in estimating time	KARADIMA BASILIKI	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	29,700.00 €
48.	5203	Creating digital games and Cultural policy: A study on the digital games of the Mediterranean	THEODOROPOULOS MAXIMOS SPYRIDON	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	24,300.00 €
49.	5593	Urban marginalization, social networks and refugee housing in Athens	STAVRAKAKIS CHRISTOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	19,800.00 €

<b>50.</b>	<b>5206</b>	Policies, Feminist Movements and Claims for Combating Violence Against Women: A Comparative Study in European Countries on Domestic Violence	MAVROMMATI – LAGANI ARETI	PANTEION UNIVERSITY OF SOCIAL AND POLITICAL SCIENCES	28,800.00 €
<b>51.</b>	<b>6839</b>	The crime of VAT fraud in transnational transactions	MARTINIS MICHAEL	ARISTOTLE UNIVERSITY OF THESSALONIKI	20,700.00 €

### FUNDING LIST HUMANITIES & ARTS (SA.7)

<b>A/N</b>	<b>Application No.</b>	<b>Title</b>	<b>Name and Surname of the PhD Candidate</b>	<b>Institution</b>	<b>Approved Budget</b>
<b>1.</b>	<b>6288</b>	The Origins of Athenian Democracy through the Eyes of the fourth century BCE Orators and Political Philosophers: Constitutional Realities and Political Propaganda	KRIKONA ELENI	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
<b>2.</b>	<b>6161</b>	Morphosyntactic production and processing in agrammatic aphasia	SOILEMEZIDI MARIA ELENI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
<b>3.</b>	<b>6082</b>	The cosmos of epithets. Use and function of the epithet in Hellenistic hexametric poetry	NTOUMA STAVROULA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
<b>4.</b>	<b>5832</b>	Friendship as Leitmotiv in the Letters of Palaeologan Period (1261-1453)	VARELA MARIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
<b>5.</b>	<b>5314</b>	“Life and works of Chrysanthos Vostantzoglou (Bost): Ideological and aesthetic components of analysis of his known and unknown theatrical course”	KYRIAKOU KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	17.100,00 €
<b>6.</b>	<b>6857</b>	The contribution of archaeogenetics in the study of late Bronze Age on Crete: Ancient DNA analyses in human osteological	STROPPIANA ANTZELA-NATALIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €

		material from the LMIB-IIIA2 period			
7.	5379	Talking figuratively about style: The cases of Cicero and Quintilian	CHATZIATHANASIOU STYLIANI	ARISTOTLE UNIVERSITY OF THESSALONIKI	20.700,00 €
8.	6100	Painting on "naturale": Ionian islands (mid 17th – mid 18th century)	DIGALAKIS ANTONIOS	UNIVERSITY OF CRETE	19.800,00 €
9.	6610	Bodies of self-narration: Artistic enactments of gender violence	KATRAKI ATHANASIA	UNIVERSITY OF THESSALY	31.500,00 €
10.	6608	Nile the Donor	KOUROUDIS IOANNIS	DEMOCRITUS UNIVERSITY OF THRACE	16.200,00 €
11.	6097	Coalescence	LOUKAS ANGELOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
12.	5965	The conspiracy narrative in the Roman Archeology of Dionysius of Halicarnassus	ANDROULAKIS PANAGIOTIS	UNIVERSITY OF CRETE	11.700,00 €
13.	6302	Coarse ceramic wares from the sanctuary of Kalapodi during the transition from Late Bronze Age to Early Iron Age: an archaeological and archaeometric approach	CHRISTODOULOU KYRIAKI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
14.	6606	Scribers of Dated and Subscribed Manuscripts of the Holy and Great Monastery of Vatopedi	LYKOTSETA POLYCHRONIA-LYDIA	DEMOCRITUS UNIVERSITY OF THRACE	21.600,00 €
15.	5478	Synchronic study of the dialect diversity in Kefalonia: a synthetic dialectological approach	THEODORIDOU MARIETTA CHRYSOVALANTOU	UNIVERSITY OF PATRAS	32.400,00 €
16.	5883	Characterization of clay raw materials of the Eastern Aegean region for the study of local technological traditions in the ceramic production from Prehistory to the Byzantine Period.	POLLATOU AIKATERINI-MARIA	UNIVERSITY OF PATRAS	32.400,00 €
17.	6013	The impact of community music interventions on the musical, cognitive and	TROULOU RAFAILIA NIKI	UNIVERSITY OF MACEDONIA	20.700,00 €

		emotional development of older people with and without dementia			
<b>18.</b>	<b>5369</b>	Political art in the digital age	ALEXANDROU VASILEIOS	IONIAN UNIVERSITY	25.200,00 €
<b>19.</b>	<b>5345</b>	The theories of tragedy and tragicomedy in the Italian Cinquecento and their reception by Georgios Chortatsis and Ioannis-Andreas Troilos.	PORTOKALI MARIA ESTER	ARISTOTLE UNIVERSITY OF THESSALONIKI	22.500,00 €
<b>20.</b>	<b>6804</b>	Early Glazed Pottery from Byzantine Greece	GIANNAKI GEORGIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
<b>21.</b>	<b>5915</b>	Occupations, the State and Technological Unemployment: The Greek Society Faces the Machinery Question (1900-1940)	ALEXIS NIKOLAOS	UNIVERSITY OF CRETE	20.700,00 €
<b>22.</b>	<b>5505</b>	The effect of fire on the human remains in prehistoric Crete through macroscopic and analytical methods	CHATZIKONSTANTINOY IOANNIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	21.600,00 €
<b>23.</b>	<b>5272</b>	Contextualizing the integration of AI and Big Data into reproductive technologies	PAPANASTASIOU TOLI KORNILIA MARIA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	28.800,00 €
<b>24.</b>	<b>5160</b>	The Relationship of Archetypes, Mathematical Astronomy and Physical Philosophy in the Late Renaissance	ATHANASAKIS ANDREAS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	27.000,00 €
<b>25.</b>	<b>5273</b>	Between Kant and Nietzsche. The aesthetics of G. Simmel as transition from epistemology to philosophy of life.	MITROPOULOS ALEXIS	UNIVERSITY OF PATRAS	32.400,00 €
<b>26.</b>	<b>6214</b>	The Death Penalty in Twentieth Century Greece (1920s-2000s)	VARVERAKIS ATHANASIOS	UNIVERSITY OF CRETE	28.800,00 €
<b>27.</b>	<b>6210</b>	“Alternative modernity” and the “democratization of technology” in the context of modern digital technologies: The critical theory of	PERPERIDIS IOANNIS	UNIVERSITY OF IOANNINA	17.100,00 €

		technology of Andrew Feenberg			
28.	6283	The transformation of performance in classical music: a study of Giuseppe Verdi's Requiem (1874)	FOTOPOULOU MARIANTHI	ARISTOTLE UNIVERSITY OF THESSALONIKI	30.600,00 €
29.	6602	The Liberal Party, 1935 - 1950: social base, strategic dilemmas, and political choices	LIAGKA MARGARITA	ARISTOTLE UNIVERSITY OF THESSALONIKI	22.500,00 €
30.	5720	The Athenian Elite: The Industrialists 1945-1980	ANTONIOU GRIGORIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
31.	6438	"Oh, how wise are Thy judgments, O Lord!". The hymnographic works provided by Leo VI the Wise.	FLAKAS IOANNIS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	32.400,00 €
32.	6443	The epicurean sage in Philodemus	ATHANASIADOU ELENI	ARISTOTLE UNIVERSITY OF THESSALONIKI	27.000,00 €
33.	6648	Physiology, philosophy of mind and ethics in Galen's thought: mania and melancholy as mental illnesses	MOUTAFIDOU SIMELA	ARISTOTLE UNIVERSITY OF THESSALONIKI	22.500,00 €
34.	5650	The archive as a museum exhibit. Policies and practices of cultural organizations in Greece.	ZEVGOLI AFRODITI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	21.600,00 €
35.	5406	Historiography and memory of the Anti-dictatorship Struggle (1974-2019)	GARRIS DIMITRIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	22.500,00 €
36.	5393	Greek popular (traditional) music: the contribution of Eleftherios Venizelos as Prime Minister of Greece, 1910-1920 and 1928-1933.	KOKORIS ARGYRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	31.500,00 €
37.	6058	Declarations of repentance in Macedonia and Thrace: from civil war (1946) to the dictatorship (1974)	TSAMOURTZI CHRISTINA	ARISTOTLE UNIVERSITY OF THESSALONIKI	23.400,00 €
38.	6684	Aspects of the mythical intertexts in Post-war Poetry	CHEILARIS DIMITRIOS	UNIVERSITY OF PATRAS	26.100,00 €

<b>39.</b>	<b>6690</b>	Study of the coarticulation of Greek children with typical speech development, adults and children with Developmental Verbal Inactivity using ultrasound	DERI ANASTASIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	21,600.00 €
<b>40.</b>	<b>5318</b>	Type in the Design Process	PYLLOTIS ALKIVIADIS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	28,800.00 €

<b>FUNDING LIST</b>					
<b>ENVIRONMENT AND ENERGY (SA.8)</b>					
<b>A/N</b>	<b>Application No.</b>	<b>Title</b>	<b>Name and Surname of the PhD Candidate</b>	<b>Institution</b>	<b>Approved Budget</b>
<b>1.</b>	<b>6755</b>	Landscape genetics and phylogenetic differentiation of Pelobates sp. in Greece	STRACHINIS ILIAS	ARISTOTLE UNIVERSITY OF THESSALONIKI	13.500,00 €
<b>2.</b>	<b>6105</b>	Automated optimization of CO <sub>2</sub> injection schedule in CCUS projects	ISMAIL ISMAIL	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	32.400,00 €
<b>3.</b>	<b>5413</b>	Sub-seasonal prediction of intense weather events	MITROPOULOS DIMITRIOS	ARISTOTLE UNIVERSITY OF THESSALONIKI	26.100,00 €
<b>4.</b>	<b>5907</b>	Development and application of advanced algorithms to study air quality using satellite observations and chemical transport models	PSEFTOGKAS ANDREAS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
<b>5.</b>	<b>6108</b>	Bioelectrochemical process development to enhance clean energy production from residual biomass	KALOGIANNIS ACHILLEAS	DEMOCRITUS UNIVERSITY OF THRACE	23.400,00 €
<b>6.</b>	<b>6527</b>	Impacts of climate change on the cultural heritage of Greece: Current future projections, Assessment of the impact on cultural tourism, Prevention and adaption	TRINGA EFSTATHIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €

		measures to the new conditions.			
7.	5895	Protection in AC/DC electrical power distribution hybrid grids	RAPTOPOULOS-CHATZISTEFANOU IORDANIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
8.	6539	Development of methanol reformers for application in high temperature fuel cells	KAPPIS KONSTANTINOS	UNIVERSITY OF PATRAS	16.200,00 €
9.	5921	Investigation and optimization of the energy efficiency of advanced building envelopes	KARANAFTI AIKATERINA	ARISTOTLE UNIVERSITY OF THESSALONIKI	32.400,00 €
10.	6334	Modeling and Algorithmic solution of the Vehicle Routing Problem with Drones	KYRIAKAKIS NIKOLAOS ANTONIOS	TECHNICAL UNIVERSITY OF CRETE	22.500,00 €
11.	6297	Integrated biorefinery process for the enhancement of biogas economy from crop residues	GIOULOUNTA KLEIO	DEMOCRITUS UNIVERSITY OF THRACE	30.600,00 €
12.	5523	Development of hybrid tin-based perovskites and their application to third generation photovoltaics.	CHRISTOPOULOS ELEFThERIOS	UNIVERSITY OF PATRAS	22.500,00 €
13.	6639	Reproductive biology of plants of the family Orchidaceae in Greece, with emphasis on the genera Dactylorhiza and Neotinea	OIKONOMIDIS SPYRIDON	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	26,100.00 €

**FUNDING LIST  
MANAGEMENT & ECONOMICS OF INNOVATION (SA.9)**

A/N	Application No.	Title	Name and Surname of the PhD Candidate	Institution	Approved Budget
1.	6728	Knowledge Networks: Structure, Evolution and Effectiveness	PAPAEFSTATHIOU NIKOLAOS	UNIVERSITY OF THESSALY	32.400,00 €
2.	6460	Estimating the implied cost of capital from the RIV and the AEG models: A contemporary analysis	LESSIS IOANNIS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	32.400,00 €
3.	5563	H.R. Analytics, Operational	CHOUSMEKERIDOU RAFALIA-FOTEINI	ATHENS UNIVERSITY OF	32.400,00 €

		Performance and Business Outcomes		ECONOMICS AND BUSINESS	
<b>4.</b>	<b>6233</b>	Innovation Efficiency, Knowledge Spillovers and High Growth Firms in a Technology Heterogeneity Framework	KOUTSOURADIS GEORGIOS	UNIVERSITY OF PATRAS	22.500,00 €
<b>5.</b>	<b>6187</b>	Digital transformations of structures within the ecosystems of organizations	MASTROPETROU MARGARITA	UNIVERSITY OF THE AEGEAN	21,600.00 €

**The Director of the Hellenic Foundation for Research and Innovation**

**Dr. Aikaterini Kouravelou**