

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
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			TECHNOLOGY OF PRODUCTION HOLOGRAPHIC DIFFRACTIVE OPTICAL	Institute of Applied Physics							US:2 EU:2
6322	MD	Chisinau	ELEMENTS ON THIN FILM STRUCTURES METAL- CHALCOGENIDE VITREOUS SEMICONDUCTOR		\$49,992				,		
6324	MD	Chisinau	Study blue violet semiconductor lasers with quantum wells and dots active medium. Perspectives for applications.	Technical University of Moldova	\$50,000						US:2 EU:2
6326	MD	Chisinau	Methods for optimisation of DICOM images storing, transmission and processing in e- health information systems	Institute of Mathematics and Computer Science	\$49,992						US:2 EU:2
6328	MD	Chisinau	Multifunctional Power Converters with Advanced Methods of Synchronous Space-Vector Modulation	Institute of Power Engineering of the Academy of Sciences of Moldova	\$50,000		€ 20,324			€ 20324	US:2 EU:5
6329	MD	Chisinau	Full switching memory element for spintronics on the base of superconducting spin-valve effect	Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies	\$50,000		€ 20,324			€ 20324	US:2 EU:5
6330	MD	Chisinau	Synthesis of new biologically active norlabdane compounds with heterocyclic units using agricultural wastes	Institute of Chemistry of the Academy of Sciences of Moldova	\$50,000		€ 20,324			€ 20324	US:2 EU:5
6331	MD	Chisinau	Elaboration of the TOIS for Integration of MSU HPC Cluster into a Cloud Computing System	State University of Moldova	\$49,998						US:2 EU:2
6332	MD	Chisinau	Homo- and hetero-nanoclusters based on d-f metals for IT applications.	Institute of Applied Physics	\$50,000						US:2 EU:2
6333	MD	Chisinau	THE INFLUENCE OF BAS AND COLD ON CELLS OF RHODIOLA ROSEA L. CULTIVATED IN VITRO		\$49,980						US:2 EU:2
6334	MD	Chisinau	Information systems for portable devices to support persons predisposed to preventable strokes	Institute of Mathematics and Computer Science	\$49,994						US:2 EU:2
6335	MD	Chisinau	Analysis and control of queueing priority semi-Markov systems	Institute of Mathematics and Computer Science	\$50,000						US:2 EU:2
6336	MD	Chisinau	Innovative approaches to applied computations and software development for gender equality regulation on labour market	National Institute for Economic Research	\$49,978		€ 20,315			€ 20315	US:2 EU:5



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6337	MD	Chisinau	Magnetically doped Dirac semimetal Cd3As2 as material for spintronic devices	Institute of Applied Physics, Academy of Sciences of Moldova	\$49,990						US:2 EU:2
6338	MD	Chisinau	Transverse thermoelectric effect in semimetal microwires for practical applications	Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies	\$50,000						US:2 EU:2
6339	MD	Chisinau	"MULTIFUNCTIONAL ENERGY EFFICIENT EC BIOTECHNOLOGY OF ORGANIC PROCESSING WITH VALUABLE PRODUCTS	Research and Innovation Institute of the State University of Moldova	\$50,000						US:2 EU:2
6341	MD	Chisinau	Decision problems in sustainable development society and algorithms for solving them based on performance computing.	State University of Moldova	\$49,980						US:2 EU:2
6357	UA	Kyiv	Targeting the gut-brain axis as a new approach in epilepsy treatment	Kyiv Taras Shevchenko University	\$100,000						US:2 EU:2
6358	UA	Kyiv	Design and synthesis of chemical compounds library for innovative epilepsy treatment	Taras Shevchenko National University of Kyiv	\$99,996						US:2 EU:2
6359	UA	Kharkiv	Improvement of low-cost nanosatellites electronic platform of standard format CUBESAT 3U for remote Earth sensing.	National Technical University of Ukraine "Kyiv Polytechnic Institute" of Ministry of Education and Science of Ukraine	\$100,000						US:2 EU:2
6360	UA	Kharkiv	New high-temperature materials based on the multicomponent (high entropy) alloys with controlled nanoclustered structure	National Technical University "Kharkiv Polytechnical Institute"	\$100,000		€ 24,388			€ 24388	US:2 EU:5
6361	UA	Chernivtsy	Development of new nonlinear optical material based on CdTe and its solid solutions for remote nondestructive inspection	Yu. Fedkovich Chernivtsi State University	\$91,166						US:2 EU:2
6362	UA	Kharkiv	Promising functional nanomaterials on the base of silicon and carbon for modern sensors and optoelectronics	Taras Shevchenko National University of Kyiv	\$100,000		€ 24,388			€ 24388	US:2 EU:5
6363	UA	Kyiv	Development of new synthesis technology of magnetic nanopowders for integrated industrial wastewater treatment	Kyiv National University of Building and Architecture	\$100,000		€ 24,388			€ 24388	US:2 EU:5
6365	UA	Lviv	Nanofilm gold sensors stable at ultrahigh neutron doses for new generation fusion reactors of DEMO type	Lviv Polytechnic National University	\$100,000						US:2 EU:2



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6366	UA	Odessa	Assessment of the current environmental conditions and evaluation of the carbon content in water, bottom sedimentations, plants and animals of salt estuaries at the North-Western Black Sea area (Kuyalnik, Khadzibey and Tylihul estuaries) to present the en	Odessa State Environmental University	\$100,000						US:2 EU:2
6367	UA	Lviv	High-reliable vitreous chalcogenides for temperature sensing of radiation- hazard environments		\$100,000						US:2 EU:2
6368	UA	Kharkiv	Studies of Variations in Radiation Characteristics and Thermal Loads at Dry Storage of SpentNuclearFuel	V.N. Karazin Kharkiv National University	\$99,996						US:2 EU:2
6369	UA	Kharkiv	Development of gamma-neutron detector system against illicit traffic of radioactive and nuclear materials	International Nuclear Safety Center of Ukraine of the Taras Shevchenko National University of Kyiv	\$99,081						US:2 EU:2
6370	UA	Kijiv	development of a new method to	State Scientific Control Institute of Biotechnology and Strains of Microorganizmes	\$100,000						US:2 EU:2
6371	UA	Lviv	Use of thiosulfonates for the creation of environmentally friendly complex agricultural preparations	Lviv Polytechnic National University	\$100,000						US:2 EU:2
6372	UA	Kharkiv	A first-principle approach for the design of new superhard nanocomposite coatings	V.N. Karazin Kharkiv National University	\$99,985		€ 24,384			€ 24384	US:2 EU:5
6374	MD	Chisinau	Manufacture and testing of a new inverter prototype for direct connection to MV network	Institute of Power Engineering of the Academy of Sciences of Moldova	\$49,992						US:2 EU:2
6375	MD	Chisinau	The electrophysical processing of whey for obtaining of healthyprotein concentrates with predetermined mineral content.	Institute of Applied Physics	\$50,000						US:2 EU:2



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6377	MD	Chisinau	Innovative products for inhibition of endogen synthesis of carcinogenic compounds obtained after nitrosation of drugs	State University of Moldova	\$49,500		€ 20,120			€ 20120	US:2 EU:5
6378	MD	Chisinau	Development of a new technique for assessing the resistance of tomatoes to the phytoplasma	Institute of Genetics and Plant Physiology	\$50,000		€ 20,324			€ 20324	US:2 EU:5
6379	MD	Chisinau	3d, 4f, and 3d - 4f metal clusters: synthetic strategies, structural studies and properties	Institute of Chemistry of ASM	\$50,000						US:2 EU:2
6383	UA	Kyiv	To develop principles of building of computer vision systems with elements of human visual analyzer.	V.Glushkov Institute of Cybernetics of National Academy of Sciencies of Ukraine	\$100,000						US:2 EU:2
6384	UA	Kharkiv	On track to better tracking: Fast and robust video object tracking system	International Research and Training Center for Information Technologies and Systems	\$89,996						US:2 EU:2
6385	UA	Odessa	Information technology forecasting, design and optimization of new effective antiviral Nanocompounds drugs	A.V. Bogatsky Physico-Chemical Institute	\$100,000		€ 24,388			€ 24388	US:2 EU:5
6386	UA	Kharkiv	Intelligent technologies for satellite monitoring of environment based on deep learning and cloud computing (InTeLLeCT)	Space Research Institute under NAS and State Space Agency	\$100,000		€ 24,388			€ 24388	US:2 EU:5
6387	UA	Kharkiv	Intelligent biosensor system for application in medical diagnostics	Institute of Molecular Biology and Genetics	\$100,000						US:2 EU:2
6388	UA	Kharkiv	Development of advanced fusion technologies involving new generation quasistationary plasma accelerator	National Science Center "Kharkiv Institute of Physics and Technology"	\$100,000						US:2 EU:2
6389	UA	Kharkiv	Composite scintillation elements for nuclear facilities monitoring	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$100,000						US:2 EU:2
6391	UA	Kharkiv	Prospective technologies that use high-frequency plasma discharges for wall conditioning in toroidal fusion devices	National Science Center "Kharkiv Institute of Physics and Technology"	\$100,000						US:2 EU:2
6392	UA	Kharkiv	Enlargement of fusion reactor power by non-equilibrium processes in plasmas	Institute for Nuclear Research	\$99,998		€ 24,388			€ 24388	US:2 EU:5



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				Institute of Food Biotechnology and							US:2
6393	UA	Vyshneve	cadmium-based quantum dots	Genomics	\$100,000						EU:2
			synthesized using biomatrices								
			DEVELOPMENT OF THE	O.V. Palladin Institute of Biochemistry							US:2
6394	UA	Kyiv	BIOSAFETY TRAINING CENTER FOR PROFESSIONALS		\$99,928		€ 24,370				EU:5
0394	UA	Kyiv	INVOLVED IN BIOLOGICAL		\$99,928		€ 24,570			€ 24370	
			RESEARCH								
		1		Institute for problems of materials							US:2
6395	UA	Kharkiv	inactivation of adenoviruses and	science NASU	\$100,000						EU:2
			bacteria		,						
			Novel approaches for efficient	Institute of biology of cell							US:2
			inactivation of drug-resistant								EU:2
6396	UA	Lviv	tuberculosis mycobacteria:		\$98,000						
			development of medicinal and								
			sanitary remedies								
			Practical testing and transfer of	Institute of Cell Biology NAS of							US:2
6397	UA	T t	technology of highly-selective and	Ukraine	600.079						EU:2
6397	UA	Lviv	sensitive enzymatic assay of toxic		\$99,978						
			metals								
			Genetic polymorphism of synthetic	Institute of Genetic Resources (ANAS)							US:2
			wheat's and its recombinant forms								EU:5
6398	AZ	Baku	by cytogenetic and protein markers		\$100,000		€ 24,390			€ 24390	
			Cultivation of environmentally clean	Institute of Soil Science and Agro							US:2
6399	AZ	Baku	vegetable crops in the covered	Chemistry	\$100,000						EU:2
0399	AL	Баки	ground through "Bactovit"		\$100,000						
			medicament								
				Institute of Botany							US:2
6400	AZ	Baku	etheroils plants in medical, cosmetic,		\$99,998						EU:2
			industrial sectors improvement of cultivation								
				Geology and Geophysics Institute							US:2
			Baku-Tbilisi-Ceyhan main pipeline	Geology and Geophysics Institute							EU:2
6401	AZ	Baku	area in Greater Caucasus		\$100,000						20.2
			(Azerbaijan)								
			Investigation of life quality and	Geology and Geophysics Institute							US:2
6402	AZ	Baku	population longevity in Azerbaijan		\$99,872		€ 24,357				EU:5
0402	AL	Daku	with higher natural radiation		\$77,072		0 24,557			€ 24357	
			background								
			Developing new	Institute of Catalysis and Inorganic							US:2
6403	AZ	Baku	nanoelectrocatalysts on base of	Chemistry named after Academician	nician \$100,000						EU:2
			combining Co, Ni, Mo metals for	M.F.Nagiyev							
			water electrolysis								I



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									(00 \$)	(00 + 20110)	
				Institute of Biophysics							US:2
6404	AZ	Baku	transport characteristics of		\$100,000						EU:2
			plasmalemma by phytoprotectors"								
				Institute of Biophysics							US:2
6405	AZ	Baku	abnormal cell signaling in humans		\$100,000						EU:2
			resulting in fatal diseases								
			The development of mathematical	Institute of Information Technologies							US:2
6406	AZ	Baku	models of biological methods for the		\$99,944						EU:2
			restoration of contaminated sites								
6405	AZ		Development of high performance	Institute of Radiation Problems	#22.000						US:2
6407	AZ	Baku	electrical double-layer ionistors		\$93,000						EU:2
			Development and research of	Institute of Physics							US:2
6408	AZ	Baku	sources of electricity produced by		\$99,593						EU:2
			excited vacuum								
			Development of biotechnologies for	Institute of Microbiology							US:2
6409	AZ	Baku	cleaning contaminated with organic		\$77,744						EU:2
0405	AL	Daku	and inorganic substances lakes of		\$77,744						
			Apsheron peninsula								
				Institute of Molecular Biology and							US:2
				Biotechnologies							EU:2
6410	AZ	Baku	AZERBAIJAN AND		\$100,000						
			IDENTIFICATION OF WHEAT								
			RESISTANCE GENES								
				Geology and Geophysics Institute							US:2
6411	AZ	Baku	estimation specifically in the		\$99,988						EU:2
			depression interfluve oil-gas zones								
			(Tarsdallar oil deposit)								US:2
			THE STUDY OF GENE FUND OF								US:2 EU:5
6412	AZ	Baku	AZERBAIJAN POPULATION BASED ON STR-MARKERS OF	Biotechnologies	\$98,734		€ 24,081			€ 24081	EU:5
			Y-CHROMOSOME							£ 24061	
				Oil and Gas Institute							US:2
			making system for unconventional	On and Gas institute							EU:2
6413	AZ	Baku	hydrocarbon resources assessment		\$100,000						10.2
			technology								
				Shamakhy Astrophysical Observatory							US:2
		a	of 2-m telescope of ShAO for	named after N.Tusi	\$100.000		1				EU:2
6414	AZ	Shamakhy	researches of weak astrophysical		\$100,000						
			objects				1				
			Development of bio-preparations	Institute of Microbiology							US:2
6415	AZ	Baku	and biotechnological method for		\$93,609		1				EU:2
			clearing of oil-contaminated rags								
			The development of new	Institute of Soil Science and Agro							US:2
6416	AZ	Baku	technologies to increase productivity	Chemistry	\$99,983		1				EU:2
			in cotton production								



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6417	AZ	Baku	Molecular-genetic studies of the contamination effects on some animal species in the Caspian sea	Institute of Molecular Biology and Biotechnologies	\$100,000		€ 24,390			€ 24390	US:2 EU:5
6418	AZ	Baku	"Technology of restoration of soils' fertility in Sumgayit-Siyazan massive (Northern Azerbaijan)"	Institute of Soil Science and Agro Chemistry	\$100,000						US:2 EU:2
6419	AZ	Baku	Identification of Verticillium vilt resistant genes of cotton, utilization of resistant genotypes in breeding programs	Institute of Genetic Resources (ANAS)	\$99,948		€ 24,378			€ 24378	US:2 EU:5
6420	AZ	Baku	Influence of geophysical anomalies on medicinal flora	Institute of Botany	\$99,998						US:2 EU:2
6421	AZ	Baku	Generation of plant-based magnetic nanoparticles and its prospects of application to medicine.	Institute of Radiation Problems	\$99,564		€ 24,282			€ 24282	US:2 EU:5
6422	AZ	Baku	The ecogenetical study of agricultural plants in areas around the river Araz	Institute of Radiation Problems	\$98,840						US:2 EU:2
6423	AZ	Baku	The development of radiation- resistant composite materials in presence of nanoparticles metal oxide and sensibilisator	Institute of Radiation Problems	\$100,000						US:2 EU:2
7077	GE	Tbilisi	Development curves for sleep spindle characteristics across adolescence - implications for brain maturation	Ilia State University. Tbilisi, Georgia	\$70,000						US:2 EU:2
7078	GE	Tbilisi	Digitization of retrospective solar images and automation of processing	Ilia Chavchavadze State University	\$70,000						US:2 EU:2
7079	GE	Tbilisi	The Effect of White Noise on Neuronal Porosome Structure, Function and Memory	Ilia Chavchavadze State University	\$70,000						US:2 EU:2
7080	GE	Tbilisi	Health Care Access	Tbilisi I. Javakhishvili State University	\$70,000						US:2 EU:2
7081	GE	Tbilisi	Shock-wave fabrication of magnetic nanocomposites for industrial and magnetoelectronics application	Tbilisi I. Javakhishvili State University	\$69,995		€ 28,450			€ 28450	US:2 EU:5
7082	GE	Tbilisi	Production, purification, characterization, and application of ligninolytic enzymes from selected basidiomycetes	Georgian State Agriculture University	\$70,000		€ 28,452			€ 28452	US:2 EU:5



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	Code								(03 \$)	(US \$ + EURO)	Conditions
7083	GE	Tbilisi	Ecological monitoring of the landfills surrounding areas and population health risk assessment	Tbilisi I. Javakhishvili State University	\$70,000						US:2 EU:2
7084	GE	Tbilisi	Real-time polarization-holographic spectroellipsometer	Georgian Technical University	\$70,000						US:2 EU:2
7085	GE	Tbilisi	Production of fast-solidified and shock-resistant reinforced polymer concrete	G. Tsulukidze Mining Institute	\$70,000						US:2 EU:2
7086	GE	Tbilisi	Impact of Natural Waters and Soils Pollution by Arsenic on Food Products Harmlessness in Georgia	Hydrometeorological Institute of Georgian Technical University	\$69,920						US:2 EU:2
7087	GE	Tbilisi	Programming by Rules in Variadic Equational Theories with Binders	Tbilisi I. Javakhishvili State University	\$69,998						US:2 EU:2
7088	GE	Tbilisi	Creation of Bactericidal Sorbents on the Basis of Natural Zeolites of Georgia	Tbilisi I. Javakhishvili State University	\$70,000						US:2 EU:2
7089	GE	Tbilisi	Development and study of new nanomaterials for the self-regulated magnetic hyperthermia of cancer cells	Georgian Technical University	\$69,980		€ 28,444			€ 28444	US:2 EU:5
7090	GE	Tbilisi	Dynamic fabrication of new superconductors with critical temperatures above 77 K	Tbilisi I. Javakhishvili State University	\$70,000		€ 28,452			€ 28452	US:2 EU:5
7091	GE	Tbilisi	Development and characterization of antifriction/frictional nanocomposites based on PTFE and CNPs doped with ferromagnetic clusters	Georgian Technical University	\$70,000		€ 28,452			€ 28452	US:2 EU:5
7092	GE	Tbilisi	Heat stable a-and glucoamylase performing one step enzymatic hydrolysis of starch to fermentable glucose	Georgian State Agriculture University	\$70,000		€ 28,452				US:2 EU:5
7093	GE	Tbilisi	New Nanocrystalline Composite Materials Manufactured Using Spark Plasma Sintering/Synthesis Device	Georgian Technical University	\$70,000						US:2 EU:2
7094	GE	Tbilisi	Development of the Technology for Obtaining Nanocrystalline Ferromagnetic Powders and Coatings by Electron-beam Evaporation		\$70,000						US:2 EU:2
7095	GE	Tbilisi	Creation of Novel Photocatalyst and Cocatalyst Nanocomplexes for Green Energy, Ecology and Medicine	Tbilisi I. Javakhishvili State University	\$70,000		€ 28,452			€ 28452	US:2 EU:5



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7096	GE	Tbilisi	Liquid phase shock wave fabrication of nanostructure tungsten-silver composites	G. Tsulukidze Mining Institute	\$70,000						US:2 EU:2
7097	GE	Tbilisi	Task-oriented synthesis of biodegradable polymers by	Tbilisi I. Javakhishvili State University	\$70,000						US:2 EU:2
7098	GE	Tbilisi		Tbilisi I. Javakhishvili State University	\$69,998						US:2 EU:2
7099	GE	Tbilisi	Determination of reacting	F. Tavadze Institute of Metallurgy and Material Sciences	\$69,919						US:2 EU:2
7100	GE	Tbilisi	The novel technology for preparation functional magnetic nanoparticles for biomedical applications	Georgian Technical University	\$69,848						US:2 EU:2
7101	GE	Tbilisi	Potato ring rot causative Cms specific bacteriophages morphology, properties and	Agricultural University of Georgia, Durmishidze Institute of Biochemistry and Biotechaology	\$69,840						US:2 EU:2
	TOTAL CO-FUNDING PROJECTS APPROVED					\$0	€ 661,845	\$0	\$0	€ 661,845	

Status 4 - Comments:

1111/16 Date Ms. S. Banerjee

Acting USA Board Member

15/06/18 Date Gue

Mr. M. Strikha Ukrainian **Board Member** 

21 Date Mr. E. Maier

European Union Board Member

6/18

4. Same as 3