

**LIST  
OF RESEARCH PROJECTS ELIGIBLE FOR FUNDING UNDER THE  
“ADJUNCT RESEARCH PROFESSORSHIP PROGRAM” CALL**

Code	PI	CI	Thematic area	Project Title	Host Institution
1. 22rl-007	Akopyan Argam	Davtyan Davit Hayrapeti	Chemistry	Synthesis and Characterization of New Nanostructured Catalysts Based on Transition Metals	A.B. Nalbandyan Institute of Chemical Physics NAS RA
2. 22rl-037	Apresyan Artur	Tumasyan Armen Rafik	Physics and Astronomy	Development of precision timing detectors for collider experiments and searches for Higgs boson pair-production with the CMS experiment at the LHC	A.Alikhanyan National Laboratory (Yerevan Physics Institute)
3. 22rl-017	Gevorgyan Vladimir	Hakobyan Robert Mamikon	Chemistry	Development of Novel Methodologies for Synthesis and C-H Functionalizations of N-Containing Heterocycles	Scientific Technological Center of Organic and Pharmaceutical Chemistry NAS RA
4. 22rl-016	Danelian Taniel	Serobyan Vahram Vahagni	Earth and Related Environmental Sciences	Deciphering the global vs regional record of environmental changes in the Paleozoic mountains of Armenia (GREATPAL)	Institute of Geological Sciences NAS RA
5. 22rl-055	Mehdi Dehghani	Rudov Alexander	Biological Sciences	Establishment of germplasm collections and identification of intraspecific genetic polymorphism for the conservation of certain rare species of the Armenian flora	A.L. Takhtajyan Institute of Botany NAS RA
6. 22rl-052	Theofanis Raptis	Khachatrian Hrant Haroutiun	Informatics and Computer sciences	DISTAL: Domain Shift for Machine Learning in Internet of Things Applications	Yerevan State University
7. 22rl-012	Khachatryan Hayk	Sahakyan Arsen Artsrun	Materials Engineering	Development of an artificial intelligence-based model for simulation, syntheses, and stabilization of the next generation solar cell and display materials: The perovskites	A.B. Nalbandyan Institute of Chemical Physics NAS RA
8. 22rl-048	Knobloch Theresia	Zadoyan Ovsanna Ashot	Nanotechnology	2D semiconductors obtained by surface rubbing on various insulator substrates for next-generation electronics	State Engineering University of Armenia
9. 22rl-039	Hambaryan Valeri	Ghazaryan Satenik Andranik	Physics and Astronomy	Search and identification of high-velocity stars by dynamical ejection and supernovae from multiple stars	Byurakan Astrophysical Observatory NAS RA
10. 22rl-040	Hochmann Thomas	Gzoyan Edita Gagik	History, Archeology	Reparations for the Armenian Genocide: Defining the limits of national and international proceedings	Museum-Institute of Genocide
11. 22rl-061	Martirosyan Hrachik	Andreasyan Arpine Armen	Linguistics and Literal Studies	The Armenian language, landscape, and culture in the context of the Armenian Highlands	Institute of Archaeology and Ethnography NAS RA
12. 22rl-045	Mukasyan Alexander	Sisakyan Narek Samvel	Materials Engineering	Novel Energy Efficient Highly Tunable Method for Fabrication of Graphene-based Hybrid Electrodes for Supercapacitor	Institute for Physical Research NAS RA

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13 . 22rl-056	Poghossian Arshak	Asatryan Arevik Vardan	Nanotechnology	Digital biosensors and actuators for urinalysis and sense/act/treat systems (UroLogicChip)	A.B. Nalbandyan Institute of Chemical Physics NAS RA
14 . 22rl-050	Miguel Angel Rodriguez Barbero	Viktorya Rstakyan Igor	Materials Engineering	Bio-ceramics for Additive Manufacturing of Bone Regenerative Customized Implants	A.B. Nalbandyan Institute of Chemical Physics NAS RA
15 . 22rl-031	Ruiyong Zhang	Vardanyan Arevik Karen	Biotechnology	Innovative methods for risks characterization of sites contaminated by metals	Scientific and Production Center "Armbiotechnology" NAS RA
16 . 22rl-028	Hamid Reza Roosta	Daryadar Mahsa Khaleghver	Plant Breeding	Introduction of valuable wild medicinal and edible plants to hydroponics and soil culture conditions: A comprehensive study towards food security	G.S.Davtyan Institute of Hydroponics Problems NAS RA
17 . 22rl-023	Pusch Martin	Asatryan Vardan Levon	Biological Sciences	Mapping of ecosystem services availability at Armenian rivers and floodplains	Scientific Center of Zoology and Hydroecology- Institute of Zoology NAS RA
18 . 22rl-060	Ottevaere Heidi	Sarukhanyan Tatevik	Physics and Astronomy	Advanced microfabrication with two photon polymerization (2PP) towards developing in vitro diagnostic lab-on-chip platform	Yerevan State University