

**Competition for grants in the priority area of RSF activities “Basic and Exploratory Scientific Research, Conducted by International Research Teams” (in cooperation with the Iran National Science Foundation - INSF)**

<b>№</b>	<b>RSF Project Number</b>	<b>Project title</b>	<b>Russian organization</b>	<b>Iranian organization</b>	<b>Russian PI</b>	<b>Iranian PI</b>
1	25-43-20006	Design of ferroelectric multivariate metal-organic coordination polymers for gas separation technologies in energy and environmental applications	Federal State Autonomous Educational Institution of Higher Education "Bauman Moscow State Technical University"	Tarbiat Modares University	Alexandrov Eugeny	Morsali Ali
2	25-43-20018	Machine learning for cross-platform classification models in cancer screening	Federal State Budgetary Educational Institution of Higher Education "Saint-Petersburg State University"	Sharif University of Technology	Kirsanov Dmitry	Hadi Parastar
3	25-43-20021	Nanocatalytic Organic Transformations via Multicomponent Reactions (MCRs) and CO <sub>2</sub> Fixation	Peoples' Friendship University of Russia named after Patrice Lumumba	Shahid Beheshti University	Festa Alexey	A. Shaabani

4	25-43-20038	Novel Luminescent Heterometallic Lanthanide-Based Metal–Organic Frameworks for Multifunctional Biomedical, Gas Storage and Separation Applications	Federal State Budgetary Educational Institution of Higher Education Lomonosov Moscow State University	University of Tehran	Utochnikova Valentina	Kamran Akhbari
5	25-43-20041	Microstructure-Driven Integrated Design and Optimization of High-Strength, Thermally Stable, and Weldable Al-Cu-Mn Alloys	Siberian State Industrial University	Sharif University of Technology	Konovalov Sergey	Pouranvari M.
6	25-43-20043	Prediction of Molecular Crystal Structures: applications to Pharmaceutical Drugs and High Energy Materials	Autonomous Non-Profit Organization for Higher Education "Skolkovo Institute of Science and Technology"	University of Tehran	Nervi Carlo	Seyed Mehdi Vaez Allaei
7	25-43-20052	High-performance, fast-response magnetocaloric converters based on honeycomb-structured oxygen-deficient $\text{La}_{0.5}\text{Gd}_{0.1}\text{Sr}_{0.4}\text{MnO}_3/\text{Ti}_3\text{C}_2\text{T}_x$ nanocomposites	Federal State Budgetary Educational Institution of Higher Education Lomonosov Moscow State University	Semnan University	Tishin Alexander	Ehsani Mohammad Hossein
8	25-44-20007	Meiofauna as a Key Bioindicator of Recent Changes in Benthic Communities of the Caspian Sea	P.P.Shirshov Institute of Oceanology of Russian Academy of Science	Iranian National Institute for Oceanography and Atmospheric Science	Mokievsky Vadim	Taheri Mehrshad

9	25-44-20028	Explorations of biocontrol agents from Western Asian ecosystems for greenhouse pest management	A.N.Severtsov Institute of Ecology and Evolution	University of Zanjan, Faculty of Agriculture, Department of Plant Protection	Spiridonov Sergey	Koolivand Davoud
10	25-44-20032	Development of nanoscale forms of essential trace elements stabilized with biopolymers for modification of feed additives for immunostimulation and biofortification of sheep	North-Caucasus Federal University	Gorgan University of Agricultural Sciences and Natural Resources	Blinov Andrey	Jafari Seyedmahdi Seyedabbas
11	25-44-20043	Carpenter Moths (Lepidoptera, Cossidae) of the Middle East: systematics, zoogeography and phylogeny of important agricultural and forestry pests and potentially invasive species	Altai state university	Iranian Research Institute of Plant Protection	Yakovlev Roman	Helen Alipanah
12	25-45-20004	Development of the medical device "Lymphatonics" for non-invasive phototherapy of glioblastoma	Saratov State University of N. G. Chernyshevsky	Mashhad University of Medical Sciences	Shirokov Alexander	Sazgarnia Ameneh

13	25-45-20013	Metabolic profiling of liver cancer stem-like cells in a 3D tumor niche using FLIM mapping and functional modulation with small interfering RNAs	Federal State Autonomous Educational Institution of Higher Education I.M. Sechenov First Moscow State Medical University of the Ministry of Healthacare of the Russian Federation (Sechenovskiy University)	Royan Institute	Kuznetsova Daria	Massoud Vosough
14	25-45-20023	Towards Breast Cancer Theranostics: New Nano Agents and Photoacoustic Tomography System	FEDERAL RESEARCH CENTER A.V. GAPONOV-GREKHOV INSTITUTE OF APPLIED PHYSICS OF THE RUSSIAN ACADEMY OF SCIENCES	Tabriz University of Medical Sciences, Azad University, Tabriz Branch	Subochev Pavel	Tajalli H.
15	25-45-20028	Next-generation Mucosal H5N1 influenza vaccine: focus on antigen delivery systems for protective systematic and local immunity enhancement	Smorodintsev Research Institute of Influenza Ministry of Health of the Russian Federation	Pasteur Institute of Iran	Stukova Marina	Amir Ghaemi