

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)

№	RSF Project Number	Project title	Russian organization	Russian PI	Iranian PI	Iranian organization
1	24-43-20015	Study and development of advanced SPD processing techniques for producing ultrafine-grained Mg alloys for biomedical applications	Ufa University of Science and Technology	Valiev R.	Ebrahimi R.	Shiraz University
2	24-43-20016	Modern catalytic and "green" approaches to the production of advanced materials from fossil hydrocarbons and renewable feedstocks	A.V.Topchiev Institute of Petrochemical Synthesis Russian Academy of Sciences	Ivchenko P.V.	Nekoomanesh-Haghighi M.	Iran Polymer and Petrochemical Institute
3	24-43-20020	Development of glassy materials for nonlinear optical elements of photonics in the near and short-wave IR range	ITMO University	Nikonorov N.V.	Ghotbi M.	University of Kurdistan (UOK)
4	24-43-20044	3D-printed biodegradable scaffolds with zoledronic acid-loaded mesoporous bioactive glass for promoting osteoporotic bone defect repair	Tomsk State University	Kurzina I.A.	Mashayekhan S.	Sharif University of Technology, Tehran, Iran.
5	24-44-20003	Unraveling the Mechanisms of Pathological Transformation in Amyloidogenic Proteins: A Quest for Preventative Approaches.	Federal State Budgetary Educational Institution of Higher Education Lomonosov Moscow State University	Muronetz V.	Reza Yousefi	Institute of Biochemistry and Biophysics, University of Tehran
6	24-44-20006	Spatial Planning and Satellite Monitoring of Marine Protected Areas in the Caspian Sea	P.P.Shirshov Institute of Oceanology of Russian Academy of Science	Kostianoy A.	Gholamalifard M.	Department of Environment, FNRMS, Tarbiat Modares University, Iran

7	24-44-20011	Elucidation of evolutionary and phylogenetic relationships of wild Old World Ovis species based on molecular genetic and morphological studies	Federal Science Center for Animal Husbandry named after academy member L.K. Ernst	Dotsev A.V.	Mohammad Hossein Moradi	Arak University
8	24-44-20012	Engineered bio-concretes for self-healing: A novel biotechnology on an industrial scale	Peter the Great St.Petersburg Polytechnic University	Vatin N.I.	Rahmani H.	University of Zanjan, Zanjan, Iran
9	24-44-20019	Fishes of the Caspian Sea basin: genetic diversity, evolution and biogeography	I.D. Papanin Institute for Biology of Inland Waters Russian Academy of Sciences	Levin B.	Teimori A.	Shahid Bahonar University of Kerman
10	24-44-20027	Biotic and abiotic retention zones for microplastics at river-sea interface	P.P.Shirshov Institute of Oceanology of Russian Academy of Science	Chubarenko B.V.	Mehdinia Ali	Iranian National Institute for Oceanography and Atmospheric Science
11	24-45-20002	A new heterostructure theranostic platform based on zeolitic imidazolate framework (ZIF-8) containing high-Z elements and drugs as nano-radiosensitizers for synchronous chemoradiotherapy of breast cancer	Moscow Institute of Physics and Technology	Osipov A.	Danafar H.	Zanjan University of Medical Sciences
12	24-45-20004	Mechanisms of chronic inflammation: focus on atherosclerosis and obesity	Federal State Budgetary Scientific Institution "Institute of General Pathology and Pathophysiology"	Sukhorukov V.N.	Sahebkar A.	Mashhad University of Medical Sciences
13	24-45-20005	Comparative study of tick-borne pathogens diversity in the Russian Federation and the Islamic Republic of Iran	St. Petersburg Pasteur Institute	Dedkov V.	Mostafa Salehi Vaziri	Pasteur Institute of Iran
14	24-45-20006	Synergistic effect of cold atmospheric plasma and photodynamic therapy on cancer and non-cancer stem cells based on Artificial Intelligence	Federal State Budgetary Institution "National Research Centre for Epidemiology and Microbiology named after the honorary academician N.F. Gamaleya" of the Ministry of Health of the Russian Federation	Ermolaeva S.	Mehdian H.	Kharazmi University

15	24-45-20007	Design of the microfluidic system mimicking the fallopian tube environment to sort spermatozoa with high fertilizing ability	Federal State Autonomous Educational Institution of Higher Education I.M. Sechenov First Moscow State Medical University of the Ministry of Healthcare of the Russian Federation (Sechenovskiy University)	Kosheleva N.V.	Saadatmand M.	Sharif University of Technology
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