

Winners of the 8th competition for grants from the Government of the Russian Federation for state support of research conducted under the guidance of leading scientists in Russian universities and research organizations

№	Registration number on the application registration Portal	Hosting organization	Invited researcher	Field of studies	The direction of scientific research
1	2020-220-08-0177	Federal State Budgetary Educational Institution of Higher Education «Omsk State Agrarian University»	Koksel Hamit	Agriculture, forestry and fisheries	Enhancement of wheat nutritional value through genetic and breeding improvement, application of optimal production technologies and improved grain processing
2	2020-220-08-0664	Federal State Budgetary Educational Institution of Higher Education «Saint-Petersburg State University»	Hedenmalm Haakan Per	Mathematics	Probability in analysis: point processes, operators, and spaces of holomorphic functions
3	2020-220-08-1369	Federal State Budgetary Educational Institution of Higher Education «Ulyanovsk State University»	Taylor James Roy	Computer and information sciences	Development of comb-spectrum generators for applications in microwave photonics, spectroscopy, and high-speed data processing.
4	2020-220-08-1436	Kutateladze Institute of Thermophysics of the Siberian Branch of the Russian Academy of Sciences	Sunden Bengt Aake	Energy and rational nature management	Promising methods of heat transfer control in media with phase and chemical transformations in power engineering, chemical, electrochemical technologies and microelectronics
5	2020-220-08-1708	International Tomography Center Siberian Branch of Russian Academy of Sciences	Bodenhausen Geoffrey	Chemistry	Multiple-field nuclear spin hyperpolarization
6	2020-220-08-2146	Federal State Autonomous Educational Institution of Higher Education «Saint-Petersburg Electrotechnical University "LETI" »	Kostylev Mikhail Pavlovich	Physics	Magnonic reservoir computing as a novel artificial-neural-network platform.
7	2020-220-08-2197	Ufa Federal Research Centre of the Russian Academy of Sciences	Prokopenko Inga	Biology	High-performance computational tools development for integrated analysis of multiomics data and

					advancement of personalized medicine
8	2020-220-08-2389	Federal State Autonomous Educational Institution of Higher Education «National Research Tomsk State University»	Lednev Igor Konstantinovich	Medical technologies	Development of methods for screening non-invasive diagnostics of viral and bacterial respiratory infections using laser spectroscopy and artificial intelligence methods
9	2020-220-08-3320	Federal State Autonomous Educational Institution of Higher Education «Kazan (Volga region) Federal University»	Hayashizaki Yoshihide	Biology	Regulatory genetic and epigenetic mechanisms of skeletal and cardiac muscles development and activity in humans and primates
10	2020-220-08-3432	Federal State Autonomous Educational Institution of Higher Education «Kazan (Volga region) Federal University»	Simon Hans-Uwe	Fundamental medicine	mTOR complex I regulation by mitochondrial metabolism: implications for inflammation and cancer.
11	2020-220-08-3628	Federal State Autonomous Educational Institution of Higher education "Tyumen state University"	Kuzyakov Yakov Viktorovich	Agriculture, forestry and fisheries	Stability and Functions of Soil Carbon in Agroecosystems of Russia (CarboRus)
12	2020-220-08-4412	Autonomus Non-Profit Organization for Higher Education "Skolkovo Institute of Science and Tehnology"	Terzija Vladimir	Energy and rational nature management	Advanced Monitoring, Protection and Control of Future Power Systems
13	2020-220-08-4683	Institute for Problems in Mechanical Engineering of the Russian Academu of Sciences	Fridman Emilia Moiseevna	Mechanics and machinery	Theoretical foundations of digitization for analysis and design of complex mechanical systems, networks and media
14	2020-220-08-4899	Federal State Autonomous Educational Institution of Higher Education «Far Eastern Federal University»	Ono Teruo	Electrical engineering, electronics and information technologies	Ferrimagnetic spin-orbitronics
15	2020-220-08-4994	P. N. Lebedev Physical Institute of the Russian Academy of Sciences	Yakovlev Dmitri Robert	Physics	Spin physics of two-dimensional materials: colloidal nanoplatelets, transition metal dichalcogenides and perovskites

16	2020-220-08-5053	ITMO University	Menu Michel Alexandre	Art history	Russian Mobile Laboratory for Heritage science based on Advanced Optics (HS-MOLAB RU)
17	2020-220-08-5165	Institute of Archaeology Russian Academy of Sciences	Giunlia-Mair Alessandra	History and archaeology	Pre-Mongol frescoes in Novgorod: archaeological context and scientific research: The frescoes of St. George's cathedral, Yuriev monastery from the 2013/2020 excavations
18	2020-220-08-5262	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)	Liang Xing-Jie	Medical technologies	Smart nanotechnology to treat osteoarthritis
19	2020-220-08-5637	Federal State Autonomous Educational Institution of Higher Education «Peoples' Friendship University of Russia»	Bilimoria Purushottama Padmaksa Bharati	Philosophy, ethics, religion	Development of a new-generation methodology and intellectual basis for the study of Indian philosophy in its relation to other leading original philosophical traditions of Eurasia.
20	2020-220-08-5704	Federal State Autonomous Educational Institution of Higher Education «Moscow Institute of Physics and Technology»	Martin-Moreno Luis	Electrical engineering, electronics and information technologies	Advanced Nanophotonics: quantum materials and artificial intelligence
21	2020-220-08-5835	Federal State Budgetary Educational Institution of Higher Education «Lomonosov Moscow State University»	Kulmala Markku Tapio	Earth sciences and adjacent ecological sciences	Megapolis - heat and pollution island: interdisciplinary hydroclimatic, geochemical and ecological analysis
22	2020-220-08-6030	Federal State Autonomous Educational Institution of Higher Education «M.K. Ammosov North-Eastern Federal University»	Grenoble Lenore A	Languages and literature	Preservation of Linguistic and Cultural Diversity and Sustainable Development of the Arctic and Subarctic of the Russian Federation
23	2020-220-08-6251	Federal State Budgetary Educational Institution of Higher Education "Ulyanovsk State Technical University"	Simos Theodore Elias	Mathematics	Development of applied mathematics methods for solving interdisciplinary problems of environmentally friendly

					energy production from municipal and industrial waste
24	2020-220-08-6358	Federal State Autonomous Educational Institution of Higher Education «National University of Science and Technology "MISiS"»	Klingeler Rudiger	Physics	Functional quantum materials
25	2020-220-08-6542	Autonomus Non-Profit Organization for Higher Education "Skolkovo Institute of Science and Tehnology"	Wang Jun	Computer and information sciences	Multiscale intelligent neurodynamic systems for multidimensional optimization with machine learning and data processing applications
26	2020-220-08-6662	Federal State Autonomous Educational Institution of Higher Education «National Research Tomsk State University»	Volinsky Alexei	Medical biotechnologies	Rheology of superelastic alloy-coating-biological tissue interface
27	2020-220-08-6706	Institute of Strength Physics and Materials Science of Siberian Branch of Russian Academy of Sciences	Sevostianov Igor Borisovich	Mechanics and machinery	Control of the structure and residual stresses of composites for high-temperature applications obtained in combined 3D technologies.
28	2020-220-08-6791	Federal State Budgetary Educational Institution of Higher Education “Russian State Agrarian University-Moscow Timiryazev Agricultural Academy”	Kaibyshev Rustam Oskarovich	Materials technologies	Advanced High Strength Steels with Superior Ductility and Toughness for earth-moving and agricultural machines
29	2020-220-08-6811	A.M.Gorky Institute of World Literature of the Russian Academy of Sciences	Olson Stuart Douglas	Languages and literature	Digital commentaries to classical texts: Greek comedy
30	2020-220-08-6949	Federal State Budgetary Educational Institution of Higher Education "Saint-Petersburg State University"	Rozanov Evgueni Vladimirovich	Earth sciences and adjacent ecological sciences	Projection of the ozone layer state using modelling and measurements of the atmospheric composition.
31	2020-220-08-7077	Federal State Autonomous Educational Institution of Higher Education «Higher School of Economics — National Research University»	Shapiro Michael	Mathematics	Cluster algebras and moduli spaces of flat and holomorphic connections

32	2020-220-08-7397	Federal Center of Theoretical and Applied Sociology of the Russian Academy of Sciences	Martin Philip Lester	Economics and business.	Transformation of international labor migration in the context of global crises: economic, socio-political and demographic dimensions
33	2020-220-08-7687	Institute of Geography Russian Academy of Sciences	Legrand Michel	Earth sciences and adjacent ecological sciences	Natural And Anthropogenic Environmental Changes Inferred From Multi-Proxy Paleorecords In Russia
34	2020-220-08-7773	ITMO University	Demir Hilmi Volkan	Nanotechnologies	Nanolasers and microlasers of novel nanomaterials in advanced optical architectures
35	2020-220-08-7818	Federal State Autonomous Educational Institution of Higher education "Tyumen state University"	Bassin Mark	History and archaeology.	Human and the changing Space of Ural and Siberia
36	2020-220-08-8260	N.D.Zelinsky Institute of Organic Chemistry Russian Academy of Sciences	Salmi Tapio Olavi	Chemistry	Application of microwave irradiation for synthesis of catalysts and in-situ activation of catalytic processes
37	2020-220-08-8541	ITMO University	Bendahan David	Health sciences	Advanced magnetic resonance imaging techniques for the quantitative assessment of inflammation and fibrosis as diagnostic and follow-up markers
38	2020-220-08-8565	G. A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences	Tetko Igor	Computer and information sciences	Computer Synthesis of Chemical Compounds with Desired Properties
39	2020-220-08-8827	Federal State Autonomous Educational Institution of Higher education «National Research Tomsk Polytechnic University»	Resnati Giuseppe	Chemistry	Non-covalent Interactions in 3D Molecular- and 2D Surface Crystal Engineering: toward Functional Materials and Sustainable Chemistry
40	2020-220-08-9026	Federal state budgetary educational institution of Higher Education "Perm National Research Polytechnic University"	Silberschmidt Vadim	Mechanics and machinery	Mechanics of biocompatible materials and devices

41	2020-220-08-9032	A.M. Obukhov Institute of Atmospheris Physics Russian Academy of Sciences	Keenlyside Noel	Earth sciences and adjacent ecological sciences	Climate predictability in Northern Eurasia: revealing mechanisms of variability to improve skill
42	2020-220-08-9781	Federal State Autonomous Educational Institution of Higher education «National Research Tomsk Polytechnic University»	Kholkine Andrei Leonidovitch	Materials technologies	Novel piezo- and magnetoelectric materials for biomedical applications
43	2020-220-08-9813	P. N. Lebedev Physical Institute of the Russian Academy of Sciences	Kaiser Ralf Ingo	Space sciences and space researches	Origin and Evolution of Organics in our Galaxy