

No	RSF Project Number	Project title	Russian organization	Russian PI	Taiwan PI	Taiwan organization
1	22-41-08003	Smart Digital Twin of Broccoli: Developing Adaptive Models, Methods and Tools for Plants Growth Modelling Synchronized with Real Plants Cultivation	Samara State Technical University	Skobelev P.	Chan Y.K.	National Chung Hsing University / Department of Management Information System
2	22-42-08002	Spin, charge, lattice and orbital degrees of freedom in rare earth tellurides	National University of Science and Technology "MISiS"	Volkova O.	Chih-Wei Luo	National Yang Ming Chiao Tung University
3	22-42-08003	Topologically robust Tamm plasmon-polariton based metasurfaces for mirror-free lidar and smart telecommunication	Kirensky Institute of Physics	Timofeev I.V.	Chen K.-P.	National Yang Ming Chiao Tung University/Institute of Imaging and Biomedical Photonics
4	22-43-08002	Development of new inhibitors of pathogenic flaviviruses based on the plant triterpenoids and alkaloids	Ufa Institute of Chemistry - Subdivision of the Ufa Federal Research Centre of the Russian Academy of Sciences	Baltina L.A.	Lin Ch.W.	China Medical University, the Department of Medical Laboratory Science and Biotechnology, Taiwan
5	22-43-08005	Development of perspective fullerene-based antitumor drugs through screening in 3D bioprinted cell-laden biomimetic microenvironment	Institute of Problems of Chemical Physics of Russian Academy of Sciences	Shestakov A.	Shan-hui Hsu	National Taiwan University, Institute of Polymer Science and Engineering

6	22-43-08006	Stable 2D/3D Absorber Materials for Perovskite Solar Cells and Large Area PV Modules	Institute of Problems of Chemical Physics of Russian Academy of Sciences	Frolova L.A.	Y. Galagan	Национальный тайваньский университет (НТУ), Факультет материаловедения и инженерии
7	22-44-08001	Producing clean energy based on photosynthetic microorganisms - perspectives of molecular mechanisms and engineering strategies	K.A. Timiryazev Institute of Plant Physiology RAS	Allakhverdiev S.I.	Lan J. C-W.	Yuan Ze University Taoyuan, Taiwan
8	22-45-08004	Identification of the novel genetic determinants of chronic kidney disease in children and adults	Saint-Petersburg State Pediatric Medical University	Yanus G.A.	Lin S.-H.	Tri-Service General Hospital, National Defense Medical Center
9	22-47-08001	A big picture of climate change and its impact on the environment and society of North and Central Eurasia since the last glaciation: reconstruction from geological and paleobiological records	Kazan (Volga region) Federal University, Kazan University, KFU	Nurgaliev D.	Li Hong-Chun	National Taiwan University
10	22-48-08002	Combination of intracranial and non-invasive neuroimaging measures in the study of cognitive-emotional brain mechanisms	National Research University Higher School of Economics	Jaaskelainen I.	Kuo W.J.	Institute of Neuroscience, National Yang Ming Chiao Tung University
11	22-49-08003	Combining the effects of exposure to cold atmospheric plasma jet and nanoparticles to increase the efficiency of plasma anticancer therapy	Khristianovich Institute of Theoretical and Applied Mechanics SB RAS	Schweigert I.V.	Jen, C.-P.	National Chung Cheng University
12	22-49-08012	A novel acoustic/optical imaging modality for zebrafish cardiovascular system: from embryos to adult fish	Scientific and Technological Centre of Unique Instrumentation of RAS	Machikhin A.S.	Huang C.C.	National Cheng Kung University

13	22-49-08014	Study of thermo-mechanical responses of architected materials	Federal State-Funded Educational Institution of Higher Education Don State Technical University	Aizikovich S.M.	Wang Y.-C.	National Cheng Kung University
14	22-49-08018	Development of high flux heat exchangers for evaporation cooling systems	Kutateladze Institute of Thermophysics of the Siberian Branch of the Russian Academy of Sciences	Kabov O.	Yang C.Y.	National Central University