

Projects financed by state scientific grants competition for fundamental research in 2014

N	Project code	Project title	Grant recipient	Key personnel	Leading Organization	Research Fields
1	FR/409/2-141/13	Speech, Lifestyle and Culture of the Population of Georgian Origin in Mazandaran Province (Islamic Republic of Iran)	Japaridze Paata	Tskhvediani Zviadi, Beradze Grigoli, Gotsiridze Giorgi, Demetrashvili Tamari	Akaki Tsereteli State University	2
2	FR/281/8-403/13	Investigation of Some Georgian Natural Resources for Elaborating Drug Dosage Forms for the Local Treatment of Dermatomycoses	Javakhia Maka	Gabelashvili Manoni, Gabunia Ketevani, Kobeshavidze Nana	Akaki Tsereteli State University	8
3	FR/444/3-130/13	Studies of Regional Tourist Destination and Development of Methodology of Transport Services	Chigovadze Jumberi	Kochadze Teimurazi, Dangadze Izolda	Akaki Tsereteli State University	3
4	FR/358/10-100/13	Working out olive tree agro technology and its demonstration on podzolic soil (Samegrelo, Imereti regions)	Lortkipanidze Roza	Avalishvili Nino, Kelenjeridze Nino, Kilasonia Emzari, Chachkhiani-Anasashvili Nunu	Akaki Tsereteli State University	10
5	FR/213/1-40/13	Dusheti urban and architectural heritage	Mania Maia		G. Chubinashvili National Research Center for Georgian Art History and Heritage preservation	1
6	FR/93/1-40/13	Architecture and Identity: Church Building in Tbilisi (1801-1918)	Khoshtaria Davit	Natsvlshvili Natia, Liluashvili Manoni, Chanishvili Giorgi	G. Chubinashvili National Research Center for Georgian Art History and Heritage preservation	1
7	FR/276/2-150/13	Medieval Georgian Sculpture	Kvachatadze Ekaterine	Khundadze Tamari, Dadiani Tamari	G. Chubinashvili National Research Center for Georgian Art History and Heritage preservation	2
8	FR/373/8-313/13	Neurodevelopmental outcome of fetal antiepileptic drug exposure in 3-6-year-old children in Georgia	Tatishvili Nino	Ediberidze Tamari, Gogatishvili Nino, Naneishvili Nino, Mamukadze Shorena, Grigolia Dodo	T. Geladze Georgia's Epilepsy Leagues	8

9	FR/519/6-100/13	Integrability in String and Quantum Field Theories	Jorjadze Giorgi	Megrelidze Luka	Free University of Tbilisi	6
10	FR/240/3-109/13	Forecasting the Characteristics of Waves Generated in the Water Ponds by the Catastrophic Events	Ghogheliani Lali	Khatiashvili Elizbari, Askurava Zaali, Kavtuashvili Nodari, Khozrevanidze Tsira	Tbiltskalgeo	3
11	FR/288/1-20/13	Academic Edition of XIX-XX cc. Georgian Writers' Epistolary Legacy (VI-VII volumes)	Gigashvili Mzia	Gotsiridze Giorgi, Khiratishvili Ketevan, Ninidze Maia, Grigolia Tsiala, Bertlani Arseni	Telavi Iakob Gogebashvili State University	1
12	FR/260/7-270/13	The influence of informational stress on the neurobiological indices of rats standing on different hierarchical level	Domianidze Tamari	Khananashvili Mikheili, Nadareishvili Daviti, Matitaishvili Tamari, Burjanadze Giorgi	I. Beritashvili Center of Experimental Biomedicine	7
13	FR/45/1-20/13	Academic edition of Galaktion Tabidze's works in 15 volumes. Preparation for the publication and publication of the first part (volumes 1-5)	Doiashvili Temuri	Shelegia Mamuka, Sikharulidze Natia, Darbaiseli Nino, Kobaladze Nana, Gabodze Juleta	Tbilisi Ivane Javakhishvili State University	1
14	FR/25/2-110/13	Imagology: Peculiarities of Dialogue of Cultures (On the example of the post-colonial Georgian literature)	Gaprindashvili Nani	Tsereteli Nino, Miresashvili Mariami	Tbilisi Ivane Javakhishvili State University	2
15	FR/144/6-130/13	Development of Acoustic Detection Techniques of Electron Paramagnetic Rezonance on the Basis of Magnetoplastic Effect	Driaevi Dimitri	Tsakadze Severiani, Avalishvili Nikoloz	Tbilisi Ivane Javakhishvili State University	6
16	FR/36/3-170/13	Development of nanostructured, modified spinel type cathode materials - LiMxNi0.5-xMn1.5O4 for high voltage power sources based on lithium-ion accumulators	Kachibaia Eteri	Imnadze Rufi, Paikidze Tamari, Dzanashvili Dali, Machaladze Tengizi, Kvaratskhelia Elene	Tbilisi Ivane Javakhishvili State University	3
17	FR/223/5-100/13	Fourier coefficients and convergence problems	Gogoladze Leri	Ugulava Duglasi, Dzagnidze Omari, Tsagareishvili Vakhtangi	Tbilisi Ivane Javakhishvili State University	5
18	FR/117/6-480/13	Development of scientific bases for obtaining nano-zeolite sorbents	Dolaberidze Nanuli	Mirdzveli Nato, Nizharadze Manana	Tbilisi Ivane Javakhishvili State University	6
19	FR/54/1-10/13	Georgia and Mamluks of Egypt	Japaridze Gocha	Gelovani Nani	Tbilisi Ivane Javakhishvili State University	1
20	FR/51/4-102/13	Automated and Interactive Theorem Proving in Schemata and Unranked Logics	Irukhia Mikheili	Chankvetadze Gela	Tbilisi Ivane Javakhishvili State University	4
21	FR/100/5-106/13	Investigation and numerical solution of some systems of nonlinear partial integro-differential equations	Kighuradze Zurabi		Tbilisi Ivane Javakhishvili State University	5

22	FR/377-120/13	Diversity of high mountain flora of Meskhети and Javakheti (Lesser Caucasus)	Shetekauri Shamili	Barnaveli Nana, Chelidze Daviti, Asanidze Zezva	Tbilisi Ivane Javakhishvili State University	7
23	FR/237/3-121/13	Study of impact of modification process on polyphonylene oxide and graphite structure, tribo-chemical and tribo-technical properties to receive antifriction material of improved properties	Chitrekashvili Ia	Sherozia Vitali, Maisuradze Nunu, Papava Shalva	Tbilisi Ivane Javakhishvili State University	3
24	FR/500/6-130/13	Development of the differential calorimetry and investigation of the high-temperature superconductors.	Nadareishvili Malkhazi	Tsikaradze Severiani	Tbilisi Ivane Javakhishvili State University	6
25	FR/317/1-20/13	"Ilia Chavchavadze: Detailed Chronology of Life and Works" – New Textual-critical Investigation (Bilingual Edition)	Ninidze Maia	Khitarishvili Ketevani, Fruidze Nana, Kvantaliani Sharlota Luara	Tbilisi Ivane Javakhishvili State University	1
26	FR/309/2-161/13	The Five Books of Moses in the Gelathi Catena Bible (Leviticus, Numbers, Deuteronomy – diplomatic edition and research)	Kharanauli Ana	Jugheli Victoria, Melikishvili Damana	Tbilisi Ivane Javakhishvili State University	2
27	FR/617/7-270/13	Influence of flavonoids from Georgian endemic grape species "Saperavi" on brain disfunction induced by kainic acid-status epilepticus in rats	Doreuli Nanuli	Davitashvili Marine, Kapanadze Tsira, Mitaishvili Ekaterine, Chkhartishvili Butsiko, Chikovani Manana, Alania Magda	Tbilisi Ivane Javakhishvili State University	7
28	FR/109/9-220/13	Research of the Processes of Simultaneous Production of Fine-dispersed Electrolytic Manganese Dioxide and Inexpensive Hydrogen from Manganese Carbonate Ores	Rokva Teimurazi	Ugrelidze Ketevan, Butliashvili Nanuli	Tbilisi Ivane Javakhishvili State University	9
29	FR/262/1-20/13	Georgian Modernism	Lomidze Gaga	Kenchoshvili Irakli, Avaliani Lali, Bregadze Konstantine, Nachkebia Maia, Turnava Rusudani, Gagoshashvili Nino, Tabutsadze Solomoni, Shamanadze SHorena	Tbilisi Ivane Javakhishvili State University	1
30	FR/334/7-272/13	Study of the Inertial Mass in Statocysts Distributed in Georgias territory, some Species of the Terrestrial Gastropods during their growth and development	Bukia Roza	Gorgiladze Givi, Kalandarishvili Era, Davitashvili Marine, Taktakishvili Anastasia, Kurasbediani Mariami	Tbilisi Ivane Javakhishvili State University	7
31	FR/454/2-170/13	Anthim Iverianul-Georgian-European Dialogue	Zakariadze Anastasia	Ramishvili Valeriani, Kshutashvili Mghvdeli Aleksii(Jambuli), Jalaghonია Demuri, Bratchuli Irakli	Tbilisi Ivane Javakhishvili State University	2

32	FR/218/9-280/13	Identification of karst phenomena formation (genesis) conditions in the territory of western Georgia and prospects of revealed cave systems exploitation for tourist purposes	Bolashvili Nana	Tsikarishvili Kukuri, Asanidze Lasha, Tarkhnishvili Avtandili, Jashi Givi, Oldilvadze Daviti	Tbilisi Ivane Javakhishvili State University	9
33	FR/322/10-100/13	Synthesis of nitrogenous fertilizers and study of physiological-biochemical aspects of their microbial degradation	Papava Givi	Khotenashvili Nanuli, Gugava Eldari, Liparteliani Riva	Tbilisi Ivane Javakhishvili State University	10
34	FR/154/6-420/13	New Derivatives of Biological Active N-Adamantyl-, N-Adamantoylaminobenzene and 2-,5(6)-Adamantylbenzimidazole: Synthesis, Reactions and Investigation	Trapaidze Marina	Zurabishvili Daviti, Lomidze Medea, Gogolashvili Ivane, Samsonia Nino	Tbilisi Ivane Javakhishvili State University	6
35	FR/142/9-280/13	Methodology of Landscape Planning of Urban Agglomerations (on the example of Tbilisi-Rustavi)	Elizbarashvili Nodari	Meladze Giorgi, Salukvadze Elene	Tbilisi Ivane Javakhishvili State University	9
36	FR/246/1-30/13	"Official and business sphere of state Georgian language's functioning"	Vashakidze Tamari	Burtchuladze Tea, Arabuli Avtandili	Tbilisi Ivane Javakhishvili State University	1
37	FR/532/2-154/13	Georgian-Caucasian Folklore Relations 19th-20th Century Sources and Modern Narratives	Sikharulidze Ketevani	Gogiashvili Elene, Kurdovanidze Teimurazi, Mamismedishvili Khvtiso, Makhauri Tristan, Jagodnishvili Temuri, Bakuridze Mariami	Tbilisi Ivane Javakhishvili State University	2
38	FR/226/7-220/13	Impact of Psycho-Emotional Stress on Brain Energy Metabolism among Naturally Aggressive Animals	Koshoridze Nana	Chachua Matriona, Kuchukashvili Zurab, Menabde Ketevan	Tbilisi Ivane Javakhishvili State University	7
39	FR/451/7-230/13	Perspectives of superparamagnetic iron oxide nanoparticles (SPIONs) application for wound healing	Abuladze Mariina	Kekutia Shalvam Tsertsvadze Tamari, Saneblidze Liana, Sokhadze Victori, Namchevadze Ema, Mickiewicz Nunu, Suladze Tamari	Tbilisi Ivane Javakhishvili State University	7
40	FR/101/6-140/13	Quantization and Excitation of Nanostructures in Magnetized Quantum Fermi Plasma	Tsintsadze Nodari	Tagviashvili Madona	Tbilisi Ivane Javakhishvili State University	6
41	FR/399/1-20/13	Term, Concept and Paradigm in "The Knight in the Panther's Skin"	Karichashvili Lia	Gonjilashvili Nana, Tsereteli Lia, Karbelashvili Mariami, Khvedeliani Tamari	Tbilisi Ivane Javakhishvili State University	1
42	FR/337/7-140/13	Applications of bioregulators and heavy metals to hinder the progress of ductal Breast Cancer	Lezhava Teimurazi	Gaiozishvili Maia, Monaselidze Jamlet, Buadze Tamari	Tbilisi Ivane Javakhishvili State University	7

43	FR/258/9-160/13	Research by external factors landslides triggering using laboratory and mathematical modeling, field research	Varamashvili Nodari	Chikhladze Victor, Devidze Marina, Tepnadze Dimitri	Tbilisi Ivane Javakhishvili State University	9
44	FR/328/9-156/13	Spatial and Temporal Variability of Geodynamical Field and Its Influence on the Deep Aquifers and Geomagnetic Field	Devidze Marina	Melikidze Giorgi, Gogua Robert, Jimsheladze Tamar, Todadze Mariam, Kapanadze Nino	Tbilisi Ivane Javakhishvili State University	9
45	FR/59/5-103/13	Geometry of constrained discrete configurations in Euclidean spaces	Khimshiashvili Giorgi	Giorgadze Grigori	Ilia State University	5
46	FR/307/5-113/13	Frobenius Lie algebras	Rakviashvili Giorgi	Elashvili Aleksandre	Ilia State University	5
47	FR/479/7-130/13	Study of Javakheti upland lakes for sustainable environmental and fisheries developmen	Japoshvili Bela	Mumladze Levani, Shubitidze Zhaneta, Loladze Tamari, Bozhadze Marine	Ilia State University	7
48	FR/346/9-190/13	The broadband radiances model development in the near-infrared for spectrometers with moderate spectral resolution and its application to ALTIUS spectrometer as an example	Mateshvili Nina	Mateshvili Iuri, Paataashvili Tamari	Ilia State University	9
49	FR/631/7-120/13	Ethnobiological investigation of Georgia's fungi and lichens	Batsatsashvili Ketevani	Jorjadze Angelina, Kupradze Inga	Ilia State University	7
50	FR/417/6-310/13	On Chromosphere Spicules and Their Role in Corona Heating Mechanism	Khutsishvili Eldari	Khutsishvili Daviti, Kulijanishvili Vazha, Kakhiani Vladimeri, Kvernadze Teimurazi	Ilia State University	6
51	FR/382/2-210/13	Intercultural Education: Problems, their Analysis and Development Perspectives in Georgia	Malazonia Daviti	Maghlakelidze Shorena, Gakheladze Giorgi, Chiabrishvili Nino	Ilia State University	2
52	FR/577/6-320/13	Optical study of extragalactic TeV sources	Chigladze Revazi	Kurtanidze Omari, Nikolashvili Mariami	Ilia State University	6
53	FR/67/3-100/13	Universal Creep Kernel for Building Materials with Constant, Instantly or Monotonously Decreasing in Time and Zero 'Memory' of Previous Load History	Gvinchidze Gurami	Esiashvili Jemali, Turdzeladze Malkhazi	Levan Samkharauli National Forensics Bureau, Kirik Zavrev Seismic Construction, Construction Mechanics and Forensics Department	3
54	FR/592/6-160/13	Investigation of Low-Temperature Photon Annealing Mechanisms in Third Group Nitride Nanofilms; Development of Methods	Dolidze Nugzari	Bibilashvili Amirani, Kushitashvili Zurabi, Skhiladze Givi, Jangidze Larisa	Micro and Nanoelectronics Institute	6

55	FR/217/10-140/13	Physical and mathematical modeling of the operation of agricultural machines on the slopes	Makharoblidze Revazi	Makharoblidze Zaza, Basilashvili Bezhani	Agricultural University of Georgia	10
56	FR/582/10-101/13	Creation of the Endemic Collection of Bacillus Thuringiensis Bacterias for Biocontrol	Nakaidze Elena	Arjevanidze Mariami, Ghaghanidze Dali	Agricultural University of Georgia	10
57	FR/177/6-420/13	Novel macrocyclic azomethine compounds for optical imaging	Elizbarashvili Elizbar	Lagvilava Irma, Matitaishvili Tea, Talakvadze Luiza, Zaalishvili Giorgi	Agricultural University of Georgia	6
58	FR/547/10-102/13	Georgian Grape Varieties: Preservation Management	Maghradze Davit	Mdinaradze Irma, Vashakidze Larisa, Abashidze Ekaterine, Chipashvili Ramazi	Agricultural University of Georgia	10
59	FR/353/10-102/13	Inheritance and Variability of Tolerance to the Environment and Productivity Indicators for the Hybridization of Australian Milking Zebu (AMZ) with the Local Cattle	Gogoli Giuli	Tabatadze Leila, Macharashvili Gela, Totladze Levani	Agricultural University of Georgia	10
60	FR/398/10-120/13	ESTIMATE OF CONIFEROUS (FIR-TREE, SPRUCE-TREE, PINE-TREE) FORESTS PHYTOMASS AND DEPONED CARBON STOCK IN GEORGIA IN CONDITIONS OF GLOBAL WARMING, CONVERSION COEFFICIENT CALCULATION	Vachnadze Giorgi	Tiginashvili Zviadi, Aftsiauri Besarioni	Agricultural University of Georgia	10
61	FR/233/10-100/13	Impact of the climate change on grape development and the yield in Georgia (Kakheti)	Japaridze Givi	Aleksidze Gurami, Maghradze Daviti, Gogitidze Vazha	Georgian Academy of agricultural sciences	10
62	FR/607/10-170/13	Theoretical study of erosion and mudflow processes	Kruashvili Irakli	Inashvili Irma, Kukhalashvili Eduardi, Bziava Konstantine	Georgian Technical University	10
63	FR/286/5-101/13	Investigation of dynamical mathematical models of elastic multi-component structures with regard to fully coupled thermo-mechanical and electro-magnetic fields	Natroshevili Daviti	Buchukuri Tengizi, Chkadua Otari, Ivanidze Marekhi, Ivanidze Diana	Georgian Technical University	5
64	FR/403/4-100/13	Light Controlled Gyrotropy of Liquid Crystals for Information Recording	Chilaia Gurami	Chanishvili Andro, Tavzarashvili Svetlana, Tevdorashvili Ketevani, Nakhutsrishvili Irakli	Georgian Technical University	4
65	FR/34/6-265/13	Optical solitons in anisotropic nanostructures	Adamashvili Gurami		Georgian Technical University	6

66	FR/430/3-250/13	Nano-Sensory Applications for Studying-Elaboration of Detecting Model of Pathogenic Microorganisms	Bzhalava Tamari	Kapanadze Ketevani, Kvintradze Vakhtangi	Georgian Technical University	3
67	FR/115/9-180/13	The evaluation of ecological conditions of Black Sea and treatment of complex measurements of costal zone protect from abrasion processes in border of Georgia	Diakonidze Roberti	Shengelia Evgenia	Georgian Technical University	9
68	FR/395/6-420/13	New type spiopyrans combined with the azo dyes with extended properties	Maisuradze Jimsheri	Akhobadze Shorena, Mzhavanadze Izolda, Urchukhishvili Zhuzhuna	Georgian Technical University	6
69	FR/586/9-110/13	Research of the Caucasian glaciers in Georgia based on satellite remote sensing	Shengelia Larisa	Kordzakhia Giorgi, Tvauri Genadi	Georgian Technical University	9
70	FR/360/3-105/13	Development of a new-type floating-swimming wave-softening hydro-technical complex for protection of coastal line and open ports from storm waves	Tsikhelashvili Zauri	Berdzenashvili Giorgi, Gvelesiani Teimurazi, Kirimlishvili-Davitashvili Tamari	Georgian Technical University	3
71	FR/292/6-120/13	The phenomenon of non-polarized light in the polarization holographic interferometry : recording, the recording medium, application	Shaverdova Valentina	Tarasashvili Vladimeri, Furtseladze Ana, Petrova Svetlana, Obolashvili Nino	Georgian Technical University	6
72	FR/539/5-100/13	Interrelation between signs and perm utations in com pact vector sum m ation: theory and applications	Chobaniani Sergo	Giorgobiani Giorgi, Tarieladze Vazha, Kvaratskhelia Vakhtangi, Chelidze Giorgi, Shangua Aleksandre	Georgian Technical University	5
73	FR/490/1-60/13	Big Kurgan of Ananauri #3 from the III Millenium B.C.:Interdisciplinary Study and Conservation	Kalandadze Nino	Makharadze Zurabi, Murvanidze Bidzina	LEPL Georgian National Museum	1
74	FR/349/2-105/13	On the question of cultural genesis of some stone sites in Imereti of late Pleistocene and Holocene	Meshveliani Tengizi	Vekua Abesalomi, Jakeli Nino	LEPL Georgian National Museum	2
75	FR/616/2-105/13	Dmanisi Industry Collection Organization and its Technological Experimental Study	Nioradze Medea	Zhvania Daviti, Shelia Tea	LEPL Georgian National Museum	2
76	FR/342/3-180/13	Investigation and control of the processes of the dressing of hard enriching manganese ores and coals with regard to additional values	Javakhishvili Giorgi	Gamtseimidze Mikheili, Arabidze Zauri	G. Tsulikidze Mining Institute	3
77	FR/354/3-180/13	Study and control enriching of copper-gold containing poor and finely impregnated ores with regard to additional controlling parameters	Gamtseimidze Mikheili	Talakhadze Demuri, Enageli Roini	G. Tsulikidze Mining Institute	3
78	FR/457/1-20/13	Georgian- Greek manusc ript from Sankt - Petersburg Collection: Tradition and Innovation	Dughashvili Eka	Kiknadze Lia, Kavtaria Nino	LEPL National Centre of Manuscripts	1

79	FR/361/1-10/13	Central and local official order in medieval Georgia (print and electronic encyclopaedic edition)	Abuladze Tamar	Abuladze Tsisana, Kekelia Vladimeri, Kldiashvili Darejani, Surguladze Mzia	LEPL National Centre of Manuscripts	1
80	FR/221/7-110/13	The biodiversity of Hymenoptera of Lagodekhi protected areas	Japoshvili Giorgi	Asanidze Zezva	Invertebrates Research Center	7
81	FR/590/2-150/13	The Scientific-Historical Research and the Study and Innovate the Ancient Georgian Traditions and folk methods of the Embroidery Technique	Lanchava Omari	Mskhiladze Margalita, Sulaberidze Dato, Chubinidze Eliso, Doghonadze Ana	Kutaisi State Historical Museum	2
82	FR/164/3-200/13	Development of normative technical documentation for regenerants and technological processes of membranes regeneration for multiple use of membrane technology in liquid food productions	Gotsiridze Rauli	Mkheidze Nino, Megrelidze Nargizi, Mkheidze Svetlana	Shota Rustaveli State University	3
83	FR/491/2-153/13	Pontic Greeks in Ajara - Past and Contemporaneity	Giorgadze Marine	Tunadze Temuri, Dzneladze Nino, Loria, Manuchari, Abuladze Teona	Shota Rustaveli State University	2
84	FR/339/1-10/13	Sargpi	Chokharadze Malkhazi	Tandilava Lile, Varshalomidze Jemali, Baramidze Maia, Narakidze Tsiala	Shota Rustaveli State University	1
85	FR/471/2-132/13	Myths and Rituals of Caucasian Peoples	Antelava Nugzari		Circassian (Adyghe) Culture Center	2
86	FR/376/8-335/13	Role of immunogenetic factors in the persistence of papillomavirus infection	Butsashvili Maia	Agladze Dodo, Kajaia Maia, Avaliani Nato, Zarandia Maia, Kochlamazishvili Marika	Health Research Union	8

Scientific Fields																			
1	Georgian studies	2	Humanities, economics and social sciences	3	Engineering and high technologies	4	Information technologies ,telecommunications	5	Mathematical sciences	6	Physical and chemical sciences	7	Life sciences	8	Medical sciences	9	Earth sciences, environment	10	Agricultural sciences

