

**Projects financed by state scientific grants competition for fundamental research in 2012**

N	Project code	Project Title	Grant recipient	Key personnel	Leading Organization	Research Fields
1	FR/333/10-150/11	<a href="#">Development of Technologies for Healthy Diet Foods with Application of Honey and Bee Products</a>	Tavdidishvili Dodo	Pkhakadze Manana, Sakandelidze Reniko, Minadze Nino	Akaki Tsereteli State University	10
2	FR/572/3-220/11	<a href="#">Treatment of Diabetic Foot with Medicinal Dressing</a>	Pailodze Nato	Buadze Elizaveta, Abuladze Nino, Shengelia Izolda, Bochorishvili Rusudani	Akaki Tsereteli State University	3
3	FR/571/8-406/11	<a href="#">Environmental factors influencing the prevalence and time trends of allergy symptoms among schoolchildren in Georgia</a>	Gamkrelidze Amirani	Rukhadze Maia, Gotua Maia, Abramidze Tamari, Dolidze Nana, Lomidze Nino, Mgaloblishvili Nana, Kulumbegovi Bidzina	Allergy and Immunology Research Center	8
4	FR/468/1-30/11	<a href="#">The Comparative Grammar of Laz and Megrelian (I part, Kartvelology) with the index of common stems and roots</a>	Koria Chabuki	Ezugbaia Lali, Memishishi Omari	Arnold Chikobava Institute of Linguistics	1
5	FR/14/5-109/11	<a href="#">Analysis of forced oscillations and hydraulic dynamical processes of conveying pipelines, conjugated distributed parameters systems, for the provision of safe exploitation</a>	Gavasheli Levani	Makharadze Leoni, Medzvelia Tinatini, Steriakova Svetlana	Georgian branch of International Academy of Ecology and Vitamin Security Sciences associated with the United Nations Public Information Department	5
6	FR/491/8-316/11	<a href="#">Proximal sodium reabsorption and the role of cardiotonic steroids in the development of salt-sensitivity and salt-sensitive hypertension</a>	Simonia Gaiane	Andronikashvili Irine, Kirtava Zviadi, Gegenava Tea	Tbilisi State Medical University	8

7	FR/210/3-109/11	<a href="#">Studying-in the Sanding of Water Reservoirs and Assessment of its Influence on Eutrophication processes (The Zhinvali Water Reservoir is taken as an example)</a>	Askurava Zaali	Ghogheliani Lali, Khatiashvili Elizbari, Kavtuashvili Nodari, Khozrevanidze Tsira	Tbiltskalgeo	3
8	FR/361/1-20/11	<a href="#">Academic Edition of XIX-XX cc. Georgian Writers' Epistolary Legacy (III, IV volumes)</a>	Gigashvili Ketevani	Javakhishvili Giorgi, Arveladze Maia, Rcheulishvili Nana, Ninidze Ketevan(Keti), Gabodze Julieta	Iakob Gogebashvili Telavi State University	1
9	FR/443/6-140/11	<a href="#">Shock Wave Dynamics in Neutral Gases and Plasma</a>	Nanobashvili Sulkhani	Gelashvili Gela, Nanobashvili Irakli, Rostomashvili Giorgi	Ivane Javakhishvili Tbilisi State University	6
10	FR/73/2-130/11	<a href="#">Latin Legal Terminology</a>	Aleksidze Levani	Gagua Iamze, Kobakhidze Ekaterine, Rukhadze Nino, Danelia Maia	Ivane Javakhishvili Tbilisi State University	2
11	FR/175/6-200/11	<a href="#">Quantum Chromodynamics at high and low energies</a>	Khelashvili Anzori	Merebashvili Zakaria, Nadareishvili teimurazi	Ivane Javakhishvili Tbilisi State University	6
12	FR/489/5-105/11	<a href="#">Topological semantics of modal logic</a>	Gabelaia Daviti	Pataria Dimitri, Jibladze Mamuka, Bezhanishvili Nikoloz	Ivane Javakhishvili Tbilisi State University	5
13	FR/458/6-200/11	<a href="#">Currents in few-body sector of chiral effective field theory</a>	Gegelia Jambuli	Kvinikhidze Aleksandre, Shalamberidze Nino	Ivane Javakhishvili Tbilisi State University	6
14	FR/268/9-150/11	<a href="#">3-D structural model of frontal part of eastern Adjara-Trialeti: its implication for oil and gas search-survey</a>	Chabukiani Aleksandre	Sadradze Nino, Enukidze Onise, Razmadze Aleksandre	Ivane Javakhishvili Tbilisi State University	9
15	FR/575/9-220/11	<a href="#">Detoxication of arsenic-containing wastes and obtaining of commodity products from them</a>	Rusia Maia	Chachava Giorgi, Gverdsiteli Mikheili, Gurgendidze Nikoloz, Laperashvili Irine	Ivane Javakhishvili Tbilisi State University	9
16	FR/24/7-110/11	<a href="#">Biodiversity of the invertebrate animals in Georgian karst caves</a>	Barjadze Shalva	Murvanidze Maka, Arabuli Tea, kvavadze Eristo, Mumladze Levani	Ilia State University	7
17	FR/749/2-101/11	<a href="#">Georgian, Western and Oriental Historiographical Tradition: Comparative Studies</a>	Kighuradze Nino	Kvachantiradze Eka, Sanikidze Giorgi	Ilia State University	2
18	FR/167/3-101/11	<a href="#">Elaboration of the Slope Stability Calculation Methodology in Complex Engineering- Geological Conditions and Seismic Active Regions Considering the Structures Located on it.</a>	Menabdishvili Papuna	Abazadze Merabi, Eremadze Neli	Kiryak Zavriev Construction Mechanics and Seismic Stability Center	3

19	FR/792/7-140/11	<a href="#">Molecular-Genetic Aspects of Inherited Thrombophilia and Their Role in the Pathogenesis of Thrombosis and Pregnancy Complications in Georgian Population</a>	Pirtskhelani Nino	Makhaldiani Levani, Kochiashvili Nino, Gaprindashvili Ekaterine, Parghalava Nugzari	Levan Samkharauli National Forensics Bureau	7
20	FR/838/8-305/11	<a href="#">Detection of Uncontrolled Arterial Hypertension and Hypertension – Related Cardiometabolic Risk Factors in Urgent Medical Care Staff</a>	Lomtadze Germane	Chagunava Ketevani	Institute of Strategic Research	8
21	FR/701/10-160/11	<a href="#">The Scientific Basis for Using Natural Antiseptics Substituting Sulphurous Anhydride in Table Wines Technology</a>	Ebelashvili Nana	Shubladze Liana, Shatirishvili Shalva, Chkhartishvili Nino, Salia Elene, Bibiluri Nodari, Asashvili Aniko, Khositashvili Tea	Agricultural University of Georgia	10
22	FR/322/10-101/11	<a href="#">MATHEMATICAL MODELLING OF BIOSYSTEMS AND ITS USE IN INTEGRATED PROTECTION OF CITRUS TREES</a>	Aleksidze Gurami	Orjonikidze Esmā, Murvanidze Avtandili, Nozadze Leri	Georgian Academy of Agricultural Sciences	10
23	FR/466/4-103/11	<a href="#">Digital image segmentation and segmented image description</a>	Tavdishvili Otari	Sulaberidze Tamazi, Todua Tea	Georgian Technical University	4
24	FR/507/4-150/11	<a href="#">New semi-Markovian Models for Dependability Planning (Structural Control) of Infocommunication Networks</a>	Kakubava Revazi	Gvazava Jondo, Menteshashvili Marine, Meladze Hamleti, Khurodze Ramazi, Surguladze Gia, Odisharia Korneli	Georgian Technical University	4
25	FR/349/6-430/11	<a href="#">A Novel Method to Increase the Photosensitivity of Photochromic Spiropyran-Containing Systems</a>	Japaridze Kokhta	Devadze Lali, Maisuradze Jimsheri, Zurabishvili Tsisana, Sepashvili Nino, Gugava Mzia, Urchukhishvili Zhuzhuna	Georgian Technical University	6
26	FR/238/6-250/11	<a href="#">Holographic laser with double distributed feedback</a>	Chanishvili Andro	Tevdorashvili Ketevani, Chilaia Gurami, Vardosanidze Zurabi, Aronishidze Marina, Tavzarashvili Svetlana	Georgian Technical University	6
27	FR/746/7-270/11	<a href="#">Orexin Containing Neuronal Populations of Hypothalamus – Possible Neurophysiological Substrate/Cellular Target for the Fast-Speed Recovery of Brain from Experimental Comatose State and Anesthesia-Induced Deep Sleep</a>	Nachkebia Nargizi	Dzadzamia Shorena, Tsomaia Vera, Chkhartishvili Eka, Mchedlidze Olga, Chijvadze Eteri, Babilodze Mariami, Maglakelidze Neli	Center for Life Sciences	7

28	FR/771/7-230/11	<a href="#">Energy profiles of globular proteins: diverse role and signatures of quantum effects and conformational flexibility through the function and stability</a>	Khoshtaria Dimitri	Tretiakova Tatiana, Dolidze Tinatini, Makharadze Maia, Shushaniani Mikheili, Shengelia Nino, Uchaneishvili Sopio, Japaridze Nani, Partskhaladze Tamari	Center for Life Sciences	7
29	FR/182/5-101/11	<a href="#">Boundary Value Problems for Systems of Impulsive and Difference Equations</a>	Ashordia Malkhazi	Kekelia Nestani	Sokhumi University	5
30	FR/568/2-105/11	<a href="#">The hoard from Vani</a>	Akhvlediani Dimitri	Kvirkvelia Gurami, Tsereteli Mikheili, Chichinadze Maia, Tsintsadze Iosebi, Lortkipanidze Nino, Kacharava Darejani	LEPL - Georgian National Museum	2
31	FR/397/9-130/11	<a href="#">Type catalog of fossil mammals and reorganization of paleontological collections of the Georgian National Museum</a>	Bukhsianidze Maia	Chagelishvili Rusudani	LEPL - Georgian National Museum	9
32	FR/307/1-20/11	<a href="#">The "Dogmatikon" by Arsen of Ikalto and its Importance for the Medieval Georgian Literature (publication of texts and research)</a>	Rafava Maia	Shengelia Daviti, Melikishvili Nino, Chikvatia Nana, Khevsuriani Lili, Maisuradze Manana	LEPL National Center of Manuscripts	1
33	FR/204/4-104/11	<a href="#">Astronomical Manuscripts in Georgia</a>	Simsonia Irakli	Abuladze Tamari, Chkhikvadze Nestani, Samkurashvili Liana	LEPL National Center of Manuscripts	4
34	FR/296/3-192/11	<a href="#">Development of the New Ecologically -Friendly Technology of the Complex Processing of the Gold Containing Antimony Ores</a>	Kandelaki Aleksandre	Baghvadze Jondo, Ukleba Ketevani, Razmadze Rolandi, Tsikaridze Zurabi, Chegelishvili Rusudani	Ferdinand Tavadze Institute of Metallurgy and Material Sciences	3
35	FR/242/3-200/11	<a href="#">Development of highly effective electro-membrane technology of removing, concentrating and utilizing heavy metals from wastewaters of galvanic production. Creation of appropriate experimental equipment.</a>	Kurtskhalia Tsitsino	Simonia Zaira, Chkheidze Nodari	Tsulukidze Mining Institute	3

**Scientific Fields**

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