

**Program IDEI\_Proiecte de Cercetare Exploratorie\_Competitie 2011**  
**Rezultate finale\_Proiecte propuse la finantare**

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlul	Buget total propus (lei)	Punctaj final
1	PN-II-ID-PCE-2011-3-0286	Chimie	Bala	Camelia	University of Bucharest	BIOFUNCTIONALIZED INTERFACES AS SMART BIOSENSORS FOR FAST IDENTIFICATION OF PHARMACEUTICAL AND METABOLITES IN WASTE WATER	1,500,000.0	93.33
2	PN-II-ID-PCE-2011-3-0510	Chimie	Calderon Moreno	Jose	Institute of Physical Chemistry "Ilie Murgulescu"	Rapid, innovative, soft-solution advanced processing of a new bioalloy surface for the improvement of its interactions with human fluids	1,424,160.0	92.33
3	PN-II-ID-PCE-2011-3-0255	Chimie	Apetrei	Constantin	DUNAREA DE JOS UNIVERSITY OF GALATI	Development of an electronic system based on electrochemical sensors and biosensors for the control of biogenic amines	1,200,255.0	92.00
4	PN-II-ID-PCE-2011-3-0152	Chimie	MEDVEDOVICI	ANDREI VALENTIN	University of Bucharest	Large volume injection of mobile phase immiscible diluents in HPLC	1,500,000.0	90.00
5	PN-II-ID-PCE-2011-3-0272	Chimie	Spataru	Nicolae	Institute of Physical Chemistry Ilie Murgulescu of The Romanian Academy	Interactional and functional effects of the substrate on the electrochemical behavior of micro and nanostructured metallic and oxidic deposits	1,480,000.0	89.33
6	PN-II-ID-PCE-2011-3-0355	Chimie	Sandulescu	Robert	Iuliu Hatieganu University of Medicine and Pharmacy	AMPEROMETRIC IMMUNOSENSOR FOR OVARIAN AND UTERINE CANCER BIOMARKERS	1,500,000.0	87.67
7	PN-II-ID-PCE-2011-3-0922	Chimie	Staicu	Angela	National Institute for Laser, Plasma, and Radiation Physics	Light triggering of drug carrier systems for targeted delivery and controlled release	1,500,000.0	87.33
8	PN-II-ID-PCE-2011-3-0187	Chimie	Dan	Rosu	Petru Poni Institute of Macromolecular Chemistry	Advanced research related to the behavior of multi-component polymer systems under simulated environmental factors action	1,420,000.0	87.00
9	PN-II-ID-PCE-2011-3-0366	Chimie	SARBU	COSTEL	UNIVERSITATEA BABES-BOLYAI	Comprehensive evaluation of redox activity and lipophilicity for biogenic amines and related compounds	1,500,000.0	86.33
10	PN-II-ID-PCE-2011-3-0032	Chimie	Bogdan	Mircea	National Institute for Research and Development of Isotopic and Molecular Technologies	Bioligand - macromolecule intermolecular interactions as probed by spectroscopic and microcalorimetric techniques	1,499,400.0	86.00
11	PN-II-ID-PCE-2011-3-0328	Chimie	Ionita	Elena Gabriela	Institute of Physical Chemistry "Ilie Murgulescu", Romanian Academy	Exploring gels containing cyclodextrins by EPR spectroscopy: structure, properties, applications	1,410,000.0	85.00
12	PN-II-ID-PCE-2011-3-0304	Chimie	Lazarescu	Valentina	Romanian Academy - Institute of Physical Chemistry "Ilie Murgulescu"	Molecular control over single-crystalline GaAs(hkl) surface electronic properties by using bio-thiols	1,500,000.0	84.33
13	PN-II-ID-PCE-2011-3-0271	Chimie	Lupu	Stelian	Universitatea Politehnica din Bucuresti	Electrochemical micro-biosensors based on electrodes and their arrays modified with composite materials	980,000.0	84.00
14	PN-II-ID-PCE-2011-3-1067	Chimie	Ungureanu	Eleonora-Mihaela	University Politehnica of Bucharest	The project entitled MODIFIED ELECTRODES FOR ANALYTICAL APPLICATIONS aims the development of new materials for electrochemical sensors. This project	1,200,000.0	83.66
15	PN-II-ID-PCE-2011-3-0853	Chimie	TOMOAIA-COTISEL	MARIA	Babes-Bolyai University of Cluj-Napoca	MULTIFUNCTIONAL NANOSTRUCTURES FORMED OF GOLD OR SILVER NANOPARTICLES AND DIFFERENT BIOMOLECULES WITH MEDICAL APPLICATIONS Acronym: NANOMED	1,000,000.0	83.33
16	PN-II-ID-PCE-2011-3-0382	Chimie	Elisa	Mihail	National Institute of Research and Development for Optoelectronics INOE 2000	Quantum confinement effect of CdS/CdSe quantum dots in phosphor aluminosilicate matrix as a promising new temperature sensing material	1,500,000.0	83.33