

PROGRAM IDEI_PROIECTE DE CERCETARE EXPLORATORIE_COMPETITIA 2011
BIOLOGIE SI ECOLOGIE

NR. CRT.	COD PROIECT	NUME DIRECTOR	PRENUME DIRECTOR	INSTITUTIE	TITLU	BUGET APROBAT 2014
1	PN-II-ID-PCE-2011-3-0047	Zamfir	Alina-Diana	Universitatea "Aurel Vlaicu" din Arad	Development of chip-based nanoelectrospray in combination with electron transfer dissociation mass spectrometry for top-down proteomics	173,050
2	PN-II-ID-PCE-2011-3-0134	POPESCU	Laurentiu Mircea	Institutul National de Cercetare Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale "Victor Babes", Bucuresti	TELOCYTES IN HEART RENEWAL	200,000
3	PN-II-ID-PCE-2011-3-0173	Cogalniceanu	Dan	Universitatea Ovidius Constanta	Is range limited by life history, environmental conditions or biogeographical barriers? A study case using spadefoot toads (genus Pelobates).	141,200
4	PN-II-ID-PCE-2011-3-0240	Barborica	Andrei	Universitatea din Bucuresti	Single-unit dynamics in the epileptic foci in patients with temporal lobe epilepsy	126,706
5	PN-II-ID-PCE-2011-3-0312	Ristoiu (Flonta)	Violeta (Maria-Luisa)	Universitatea din Bucuresti	Cellular and molecular mechanisms of diabetic neuropathy: involvement of immune system and glycation agents	187,500
6	PN-II-ID-PCE-2011-3-0342	Petrescu	Andrei-Jose	Institutul de Biochimie al Academiei Romane	Modeling molecular complexes and assemblies with experimental and bioinformatic constraints	153,125
7	PN-II-ID-PCE-2011-3-0429	Ionescu-Tirgoviste	Constantin	Institutul National de Diabet, Nutritie si Boli Metabolice "Prof Dr. N. Paulescu"	The adipose tissue at the pathogenetic crossroad of diabetes and vascular disease	14,375
8	PN-II-ID-PCE-2011-3-0455	Paunescu	Virgil	Universitatea de Medicina si Farmacie "Victor Babes" Timisoara	Tumor-associated fibroblasts as novel therapeutic target in anti-tumor therapy – identification of origin, role and characteristic molecular markers	175,000
9	PN-II-ID-PCE-2011-3-0483	Raica	Marius	Universitatea de Medicina si Farmacie "Victor Babes" Timisoara	Lymphangiogenesis in molecular subtypes of breast cancer: a prerequisite for targeted therapy of lymph node metastasis.	50,000
10	PN-II-ID-PCE-2011-3-0492	Negroiu	Gabriela	Institutul de Biochimie al Academei Romane	Study of melanoma antigen Tyrosinase Related Protein-2 in metastatic progression-possible implications in diagnosis and therapy of malignant melanoma	141,687
11	PN-II-ID-PCE-2011-3-0546	Banciu	Horia Leonard	Universitatea Babes-Bolyai din Cluj-Napoca	Diversity of archaea inhabiting saline lakes from Transylvanian Basin (Central Romania)	115,937
12	PN-II-ID-PCE-2011-3-0548	Simionescu	Maya	Institutul de Biologie si Patologie Celulara "Nicolae Simionescu"	Molecular regulation of oxidative stress in atherosclerosis: development of an innovative nanocarrier-based antioxidant therapy	205,000

**PROGRAM IDEI_PROIECTE DE CERCETARE EXPLORATORIE_COMPETITIA 2011
BIOLOGIE SI ECOLOGIE**

NR. CRT.	COD PROIECT	NUME DIRECTOR	PRENUME DIRECTOR	INSTITUTIE	TITLU	BUGET APROBAT 2014
13	PN-II-ID-PCE-2011-3-0569	Iencean	Stefan Mircea	Universitatea de Medicina si Farmacie Grigore T Popa din Iasi	Immediate neuroprotective therapy in acute traumatic spinal cord injury	150,000
14	PN-II-ID-PCE-2011-3-0571	Mic	Aurel Felix	Universitatea de Medicina si Farmacie "Victor Babes" Timisoara	Modeling and simulation of the dynamics of thymocyte populations and cells of the thymus medulla under normal and pathological situations	240,000
15	PN-II-ID-PCE-2011-3-0576	Chifiriuc	Mariana Carmen	Universitatea din Bucuresti	Effects of P. aeruginosa quorum sensing molecules on Drosophila genome: a new tool to identify candidate genes involved in host-pathogen crosstalk	187,500
16	PN-II-ID-PCE-2011-3-0605	Gheorghe	Liliana	Institutul Clinic Fundeni	MOLECULAR PREDICTORS OF PROGNOSIS FOLLOWING CURATIVE TREATMENT OF HEPATOCELLULAR CARCINOMA – THE SIGNIFICANCE OF LIVER STEM/PROGENITOR CELLS GENES	173,938
17	PN-II-ID-PCE-2011-3-0628	Murariu	Manuela	Institutul de Chimie Macromoleculara "Petru Poni" Iasi	Metal- and pH-induced conformational changes of peptides associated with neurodegenerative pathologies	30,000
18	PN-II-ID-PCE-2011-3-0637	Covic	Adrian Constantin	Universitatea de Medicina si Farmacie Grigore T Popa din Iasi	Extravascular lung water monitoring by combined ultrasound and bioimpedance as a guide for treatment in hemodialysis cardiomyopathic renal patients	198,660
19	PN-II-ID-PCE-2011-3-0664	Gruionu	Gabriel	Universitatea de Medicina si Farmacie din Craiova	Clinical and Biomathematical Modeling of Vascular Changes Following Chemotherapy and/or Anti-Angiogenic Therapy in Advanced Colorectal Carcinoma	212,640
20	PN-II-ID-PCE-2011-3-0737	cimpean	anisoara	Universitatea din Bucuresti	In vitro effects of beta-titanium alloys on biological behavior of macrophages and their cross-talk with osteoblasts	184,375
21	PN-II-ID-PCE-2011-3-0742	Purcarea	Cristina	Institutul de Biologie si Patologie Celulara "Nicolae Simionescu"	Biodiversity and chronological distribution of microorganisms in perennial ice deposits from Scarisoara Ice Cave (Romania)	171,000
22	PN-II-ID-PCE-2011-3-0765	Sicora	Cosmin Ionel	Centrul de Cercetari Biologice Jibou	Functional Diversity of Photosystem II D1 Protein in Cyanobacteria	175,697
23	PN-II-ID-PCE-2011-3-0800	Ganea	Constanta	Universitatea de Medicina si Farmacie "Carol Davila" Bucuresti	Study on the molecular and cellular mechanisms of action of EGCG and quercetin as potential chemotherapeutic agents in human leukemia Jurkat T-cells	109,250
24	PN-II-ID-PCE-2011-3-0847	Moldovan	Mihai	Universitatea de Medicina si Farmacie "Carol Davila" Bucuresti	Quantifying the reactivity of burst-suppression EEG to external stimuli: a novel tool for monitoring the comatose brain	78,377

**PROGRAM IDEI_PROIECTE DE CERCETARE EXPLORATORIE_COMPETITIA 2011
BIOLOGIE SI ECOLOGIE**

NR. CRT.	COD PROIECT	NUME DIRECTOR	PRENUME DIRECTOR	INSTITUTIE	TITLU	BUGET APROBAT 2014
25	PN-II-ID-PCE-2011-3-0848	Popa-Wagner	Aurel	Universitatea de Medicina si Farmacie din Craiova	AGE-RELATED DETERIORATION OF BIOLOGICAL PATHWAYS AND THEIR SIGNIFICANCE FOR BRAIN TISSUE REGENERATION AND FUNCTIONAL RECUPERATION AFTER STROKE	170,367
26	PN-II-ID-PCE-2011-3-0879	Georgescu	Carmen Emanuela	Universitatea de Medicina si Farmacie "Iuliu Hatieganu" Cluj-Napoca	OSTEOCALCIN HORMONE ROLE AND ENDOCRINE REGULATION IN FAT CELLS AND RELEVANCE OF THE OSTEOCALCIN HORMONE STATUS TO INSULINRESISTANCE	87,206
27	PN-II-ID-PCE-2011-3-0911	Mihailescu	Dan Florin	Universitatea din Bucuresti	Protein three-dimensional structure and conformational transitions determination by high-power narrow-band THz radiation and by molecular modeling	187,500
28	PN-II-ID-PCE-2011-3-0917	Ratziu	Vlad	Universitatea de Medicina si Farmacie "Carol Davila" Bucuresti	Insulin resistance as a cause of hepatic fibrogenesis and carcinogenesis	112,500
29	PN-II-ID-PCE-2011-3-0928	Manduteanu	Ileana	Institutul de Biologie si Patologie Celulara "Nicolae Simionescu"	Molecules and mechanisms involved in cytokine and chemokine-dependent vascular inflammation as targets for novel nanotherapeutic strategies	182,500
30	PN-II-ID-PCE-2011-3-1057	Fischer Fodor	Eva	Institutul Oncologic "Prof.Dr.I.Chiricuta" Cluj Napoca	Assessment of the platinum-based drugs effects in colorectal carcinoma with emphasize on tumor stem cells functional genomics and immunomodulation	180,000
31	PN-II-ID-PCE-2011-3-1060	Bojin (Cioca)	Florina (Daniel)	Universitatea de Medicina si Farmacie "Victor Babes" Timisoara	Novel biomarkers and therapeutical strategies in immunosenescence and Alzheimer disease-associated immunosenescence	118,187