

**Program IDEI\_Proiecte de Cercetare Exploratorie\_Competitie 2012**  
**Rezultate finale\_Biologie si Ecologie**

Nr. Crt.	Cod Proiect	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-ID-PCE-2012-4-0395	Biologie si Ecologie	Cismasiu	Valeriu	„Victor Babes” National Institute of Research and Development in Pathology and Biomedical Sciences	MicroRNAs as regulators of leukemic stem cell properties critical in cancer relapse: niche homing and quiescence	93.34
2	PN-II-ID-PCE-2012-4-0350	Biologie si Ecologie	Petrescu	Stefana-Maria	Institute of Biochemistry	Selection of protein degradative pathways in the pathogenesis of human diseases	92.34
3	PN-II-ID-PCE-2012-4-0512	Biologie si Ecologie	Jost	Norbert Laszlo	Victor Babes University of Medicine and Pharmacy Timisoara (VBUMPT)	Assessment of cardioprotective effects of ATP-dependent potassium channels modulators	91.67
4	PN-II-ID-PCE-2012-4-0067	Biologie si Ecologie	Marcu	Loredana Gabriela	University of Oradea	In silico modelling of biological processes in hypoxic tumours towards an individualized treatment protocol	90.67
5	PN-II-ID-PCE-2012-4-0595	Biologie si Ecologie	Ujvarosi	Lujza	Babes-Bolyai University	Relics, witnesses of complex evolutionary history in the Carpathian ecosystems: connecting past with the future	90.67
6	PN-II-ID-PCE-2012-4-0090	Biologie si Ecologie	Damert	Annette	Babes-Bolyai-University, Cluj-Napoca	Structural determinants for mobilization of and host factor interaction with VNTR-composite retrotransposons	90
7	PN-II-ID-PCE-2012-4-0608	Biologie si Ecologie	COVAȘĂ	MIHAI	"STEFAN CEL MARE" UNIVERSITY OF SUCEAVA, ROMANIA	Analysis of novel risk factors influencing control of food intake and regulation of body weight	89.66
8	PN-II-ID-PCE-2012-4-0409	Biologie si Ecologie	Motofei	Ion	Carol Davila University of Medicine and Pharmacy Bucharest	Existing cerebral correlations between sexual and psychosomatic processes could stay at origin of two distinct bio-psycho-sexual profiles in humans	89
9	PN-II-ID-PCE-2012-4-0575	Biologie si Ecologie	Sirbu	Ioan Ovidiu	Universitatea de Medicina si Farmacie "Victor Babes" din Timisoara	Retinoic Acid - Wnt signaling interactions during early morphogenetic stages of mouse embryo development	87
10	PN-II-ID-PCE-2012-4-0452	Biologie si Ecologie	Ginghina	Carmen Doina	University of Medicine and Pharmacy "Carol Davila"	RIGHT VENTRICULOARTERIAL AND INTERVENTRICULAR INTERACTION IN PULMONARY HYPERTENSION: HEMODINAMIC, ECHOCARDIOGRAPHIC AND ANATOMIC STUDY	86.33
11	PN-II-ID-PCE-2012-4-0507	Biologie si Ecologie	arevalo	José Ramon	UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, ROMANIA	Ecological Determinants of non Native Species in Forest Plant Communities from the Apuseni National Park	85.67
12	PN-II-ID-PCE-2012-4-0186	Biologie si Ecologie	Iliescu	Radu	Gr.T.Popa University of Medicine and Pharmacy Iasi	Mechanisms of obesity-induced renal injury	85.66
13	PN-II-ID-PCE-2012-4-0032	Biologie si Ecologie	Maria	Gheorghe	University Politehnica of Bucharest	New concepts of structural modelling of genetic regulatory circuits with applications in cell design for biosensor and bioprocess optimization	85.34
14	PN-II-ID-PCE-2012-4-0566	Biologie si Ecologie	POPESCU	BOGDAN OVIDIU	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE "VICTOR BABES" BUCURESTI	Endocrine influence on blood-brain barrier alteration linked to progression of neurodegeneration	85
15	PN-II-ID-PCE-2012-4-0043	Biologie si Ecologie	Moldovan	Oana	"Emil Racovitza" Institute of Speleology, Cluj Department, Romanian Academy - Cluj Branch	Processes of energy transfer in subterranean environments - approach for a better understanding of human and climate changes impacts	83.66
16	PN-II-ID-PCE-2012-4-0428	Biologie si Ecologie	Tutulan-Cunita	Andreea Cristina	Victor Babes National Institute of Pathology	Genome-wide analysis of drug responsiveness in attention deficit hyperactive disorder	83.33
17	PN-II-ID-PCE-2012-4-0216	Biologie si Ecologie	Baican	Adrian Lucian	Iuliu Hatieganu University of Medicine and Pharmacy	Molecular diagnosis of mucous membrane pemphigoid using recombinant laminin 5 and $\alpha 6\beta 4$ integrin	82.67
18	PN-II-ID-PCE-2012-4-0619	Biologie si Ecologie	Neagu	Adrian	UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA	Preparation and characterization of cell aggregates as building blocks of artificial tissue constructs	82

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19	PN-II-ID-PCE-2012-4-0336	Biologie si Ecologie	Risnoveanu	Geta	University of Bucharest	Habitat based spatiotemporal distribution of necrophagous insect assemblages and their significance for ecosystem services (Braila Island) - NECROSERV	81.34
20	PN-II-ID-PCE-2012-4-0240	Biologie si Ecologie	GHERGHICEANU	MIHAELA	INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN DOMENIUL PATOLOGIEI SI STIINTELOR BIOMEDICALE 'VICTOR BABES' BUCURESTI	Molecular and three-dimensional characterization of non-canonical cardiac junctions	80.67
21	PN-II-ID-PCE-2012-4-0664	Biologie si Ecologie	Badea	Radu	"Iuliu Hatieganu" University of Medicine and Pharmacy	NONINVASIVE ASSESSMENT OF LIVER FIBROSIS ACCUMULATION AND DEGRADATION: IN VIVO MOLECULAR IMAGING AND MOLECULAR PHARMACOLOGY STUDY	78
22	PN-II-ID-PCE-2012-4-0329	Biologie si Ecologie	Damian	Grigore	"Babes-Bolyai" University	Advanced EPR methods of detection and characterization of free radicals in bio-medical systems	77
23	PN-II-ID-PCE-2012-4-0374	Biologie si Ecologie	Pacurar	Daniel-Ioan	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj Napoca	Adventitious root formation – unraveling the molecular mechanisms controlling an important agricultural trait (AdRoot)	76.67
24	PN-II-ID-PCE-2012-4-0227	Biologie si Ecologie	Buttstedt	Anja	Universitatea de Stiinte Agricole si Medicina Veterinara, Institutul de Stiintele Vietii, Departamentul de Apicultura	Towards the understanding of major royal jelly proteins of the honey bee (Apis mellifera)	76
25	PN-II-ID-PCE-2012-4-0290	Biologie si Ecologie	Fejer	Szilard	SC Pro-Vitam SRL Sfantu Gheorghe, sucursala Sfantu Gheorghe	Computational and experimental studies on viruses associated with cancer: infection mechanisms and oncogenicity	76
26**	PN-II-ID-PCE-2012-4-0304**	Biologie si Ecologie	Ionescu	Diana	Universitatea de Medicina si Farmacie Carol Davila	Systematic study of flavonols interactions with lipid membranes using fluorescence spectroscopy	74.67**
27**	PN-II-ID-PCE-2012-4-0176**	Biologie si Ecologie	Beleut	Manfred	Universitatea de Medicina si Farmacie "Victor Babes"	Psoriasis: from gene expression to personalized medicine	74.66**
28**	PN-II-ID-PCE-2012-4-0159**	Biologie si Ecologie	Sima	Anca Volumnia	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Targeting molecular mechanisms to reverse endothelial dysfunction induced by atherogenic lipids; role of fatty acids and their oxidative metabolites	74.17**
29**	PN-II-ID-PCE-2012-4-0061**	Biologie si Ecologie	Ciobanu	Marcel	National Institute of Research and Development for Biological Sciences, branch Institute of Biological Research, Cluj-Napoca	Taxonomy, ecology, genesis and conservation of rare and endemic elements of soil fauna in the Carpathians	73.67**
30**	PN-II-ID-PCE-2012-4-0480**	Biologie si Ecologie	SILAGHI	CRISTINA ALINA	County Clinic Emergency Hospital Cluj	Gene expression profiles in perivascular adipose tissue: a molecular support for understanding the pathogenesis of atherosclerosis.	73.33**
31**	PN-II-ID-PCE-2012-4-0264**	Biologie si Ecologie	SOCACIU	Carmen	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	CONTROLLED RELEASE OF ENCAPSULATED BIOMOLECULES WITH ANTIFIBROTIC POTENTIAL:EXPERIMENTAL STUDIES ON HEPATIC STELLATE CELLS AND INTRACELLULAR SIGNALING	73**
32**	PN-II-ID-PCE-2012-4-0344**	Biologie si Ecologie	NECHIFOR	MIHAL	UNIVERSITY OF MEDICINE AND PHARMACY GRIGORE T POPA - IASI	Magnesium, zinc, copper and manganese influence on some neurotransmitters involved in experimental induced morphine physical dependence	72.67**
33**	PN-II-ID-PCE-2012-4-0662**	Biologie si Ecologie	Carmen Maria	Ardeleanu	'VICTOR BABES' NATIONAL INSTITUTE OF RESEARCH-DEVELOPMENT IN THE FIELD OF PATHOLOGY AND BIOMEDICAL SCIENCES	Normal vs tumor - in search of an interactome. Structural factors involved in the cross-talk between the neuroendocrine and the interstitial systems.	72**
34**	PN-II-ID-PCE-2012-4-0627**	Biologie si Ecologie	MOCANU	VERONICA	Grigore T Popa University of Medicine and Pharmacy Iasi	Obesity as an inflammatory disease: the role of vitamin D receptor and glucocorticoid receptor pathways in immune cell dysfunction	71**
35**	PN-II-ID-PCE-2012-4-0383**	Biologie si Ecologie	Maniu	Horia	Institute of Cellular Biology and Pathology "Nicolae Simionescu" - ICBP NS	Identification of novel transcriptomic markers specific to fetal mesenchymal stem cells with therapeutic potential in vascular tissue engineering	70.67**
36**	PN-II-ID-PCE-2012-4-0499**	Biologie si Ecologie	WAUTHY	Pierre	Emergency Hospital for Children "Grigore Alexandrescu", Bucharest, Romania	Pulmonary hypertension register in congenital heart disease. Hemodynamic evaluation and therapeutic effects.	70.33**

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37**	PN-II-ID-PCE-2012-4-0309**	Biologie si Ecologie	Branisteanu	Dumitru	UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T. POPA IASI	Metabolic, hormonal and body composition parameters as predictors of bone and calcium metabolism and of critical illness prognosis	69**
38**	PN-II-ID-PCE-2012-4-0432**	Biologie si Ecologie	Arama	Victoria	National Institute of Infectious Diseases "Prof. Dr. Matei Bals"	Metabolic syndrome and fibrosis evaluation in chronic HCV infection by new biomarkers and their predictive role for prognosis and treatment response	69**
39**	PN-II-ID-PCE-2012-4-0355**	Biologie si Ecologie	Isvoran	Adriana	West University of Timisoara	Bioinformatics characterization of caveolin-1 interactions	68.34**
40**	PN-II-ID-PCE-2012-4-0387**	Biologie si Ecologie	Bostan	Marinela	Stefan S. Nicolau Institute of Virology(IVN)	The impact of oxidative stress on the cellular and molecular mechanisms in rheumatoid arthritis: new therapeutic perspectives	68**
41**	PN-II-ID-PCE-2012-4-0303**	Biologie si Ecologie	Lazăr	Iuliana Mihaela	Universitatea "Vasile Alecsandri" din Bacau	New applications of spectroscopic and multivariate data analyses on the biologic material characterization under environmental stress	67**
42**	PN-II-ID-PCE-2012-4-0475**	Biologie si Ecologie	Tanase	Cristiana	Victor Babes National Institute of Pathology	Cancer proteomics: from cell signalling to new biomarkers in brain tumors/CANSINPROT	66**
43**	PN-II-ID-PCE-2012-4-0648**	Biologie si Ecologie	Badiu	Corin	"Carol Davila" University of Medicine and Pharmacy	Effects of thyroid hormones replacement on biorhythms of thermal sensitivity responses, mediated by thermo-sensitive TRP channels in hypothyroidism.	66**
44**	PN-II-ID-PCE-2012-4-0149**	Biologie si Ecologie	Antoniou	Sabina	Universitatea de Medicina si Farmacie Grigore T Popa Iasi	Autoimmunity in chronic obstructive pulmonary disease: biomarkers, and prognostic impact	65.33**
45**	PN-II-ID-PCE-2012-4-0403**	Biologie si Ecologie	Filip	Gabriela Adriana	University of Medicine and Pharmacy "Iuliu Hatieganu"	PTEN-Akt-COX-2 pathway: targets for Hippophaë rhamnoides L. and Lycium barbarum in normal human keratinocytes and a skin carcinogenesis mouse model	65**
46**	PN-II-ID-PCE-2012-4-0328**	Biologie si Ecologie	Szatmari	Szabolcs	University of Medicine and Pharmacy Tg. Mures	Cognitive decline in patients with type 2 diabetes, a translational study: from the genetic background to the patient management	64**
47**	PN-II-ID-PCE-2012-4-0187**	Biologie si Ecologie	NARDICCHI	VINCENZA	University of Agricultural Sciences and Veterinary Medicine	Microalgae production for nutraceuticals application; research project on polyunsaturates fatty acid (PUFAs) from specific algae strains	62.33**
48**	PN-II-ID-PCE-2012-4-0246**	Biologie si Ecologie	Zarnescu	Otilia	Bucharest University	Integrative studies of epigenetic profile in some imprinted genes during mouse spermatogenesis	62**
49**	PN-II-ID-PCE-2012-4-0263**	Biologie si Ecologie	Procopciuc	Lucia Maria	University of Medicine and Pharmacy Iuliu Hatieganu	New genetic adipocyte determinants for the investigation of obesity in pregnancy in order to improve obstetric monitoring strategies	61.67**
50**	PN-II-ID-PCE-2012-4-0293**	Biologie si Ecologie	Borza	Tudor	Babes-Bolyai University	Deciphering the mechanism of induced resistance in plants by using phosphites and the pathosystem potato-late blight	61**
51**	PN-II-ID-PCE-2012-4-0075**	Biologie si Ecologie	Neagoe	Ciprian	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Gaining molecular control on the junctional permeability in endothelia	58**
52**	PN-II-ID-PCE-2012-4-0145**	Biologie si Ecologie	Teodor	Eugenia Dumitra	National Institute of Research and Development for Biological Sciences	Interactions assessments between antitumour hydrogel-biomaterials and cells and biomarkers detection	57.66**
53**	PN-II-ID-PCE-2012-4-0045**	Biologie si Ecologie	MURESAN	HORIA	Spitalul Universitar de Urgenta Bucuresti	ATRIAL DEVELOPMENT IN THE HUMAN HEART AS SUBSTRATUM OF NORMAL AND DISTURBED ELECTRICAL ACTIVITY	57**
54**	PN-II-ID-PCE-2012-4-0361**	Biologie si Ecologie	Rusu	Mugurel Constantin	The National Institute of Research and Development for Biological Sciences	The unexplored trigeminal and pterygopalatine ganglia	55**

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55**	PN-II-ID-PCE-2012-4-0166**	Biologie si Ecologie	Tanase	Carmen	Institute of Biochemistry of the Romanian Academy	Molecular mechanisms regulated by PTPN23 in protein sorting and endosomal trafficking	54.67**
56**	PN-II-ID-PCE-2012-4-0247**	Biologie si Ecologie	Gergen	Iosif	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara	Uptake and bioaccumulation of Fe, Zn, Mn and Cu in terrestrial snail studies joined with obtaining of fortified snail meat as a functional food diet	54**
57**	PN-II-ID-PCE-2012-4-0382**	Biologie si Ecologie	Radu	Mihai	Horia Hulubei National Institute of Physics and Nuclear Engineering	Cholesterol lowering drugs and oxidative stress effects induced on oligodendrocyte/neuron co-culture models	53.66**
58**	PN-II-ID-PCE-2012-4-0274**	Biologie si Ecologie	Baniceru	Mihaela	UNIVERSITATEA DE MEDICINA SI FARMACIE CRAIOVA	IN VIVO STUDIES ON DRUG METABOLISM AND INTERACTIONS INVOLVING STATINS AND LOCAL ANESTHETICS	53**
59**	PN-II-ID-PCE-2012-4-0109**	Biologie si Ecologie	ANTOHE	Felicia	Institute of Cellular Biology and Pathology N. Simionescu	Differential proteomic analysis of vascular cells plasma membrane in atherosclerosis and diabetes	45.33**
60**	PN-II-ID-PCE-2012-4-0642**	Biologie si Ecologie	TLusty	Michael	SC Bioflux SRL	Testing marker phenotypic traits for understanding of aging in vertebrates	37**
61**	PN-II-ID-PCE-2012-4-0522**	Biologie si Ecologie	Drochioiu	Gabi	Alexandru Ioan Cuza University of Iasi	Synthesis and characterization of metal-biopolymer complexes under various pH conditions: Analytical and biomedical implications	31**

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