

## Rezultate preliminare PCCA 2011/2012

### Proiecte de tip 1

#### DC 6 - Biotehnologii

Nr. Crt	Cod depunere	Nume director de proiect	Prenume director de proiect	Institutie coordonatoare	Titlu proiect	Punctaj
1	PN-II-PT-PCCA-2011-3.1-0595	Luchian	Tudor	Alexandru Ioan Cuza University	Rational design and generation of synthetic, short antimicrobial peptides. Linking structure to function	91.33
2	PN-II-PT-PCCA-2011-3.1-1268	TOSA	Monica Ioana	University Babes-Bolyai Cluj Napoca	Development of novel stereoselective biocatalysts for economic synthesis of chiral building blocks	90.00
3	PN-II-PT-PCCA-2011-3.1-1221	FLOARES	ALEXANDRU	Solutions of Artificial Intelligence Applications	Intelligent Systems for Recurrence and Progression Prediction in Superficial Bladder Cancer based on Artificial Intelligence and Microarray Data: tumor mRNA and plasma microRNA	89.33
4	PN-II-PT-PCCA-2011-3.1-0913	Sultana	Nita	National Institute of Chemical-Pharmaceutical Research and Development – ICCF	New complex combinations of some lanthanides with antitumoral properties and their use in design and development of new drugs	88.00
5	PN-II-PT-PCCA-2011-3.1-0184	Sima	Anca Volumnia	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	New predictive biomarkers for the evolution of the stable and unstable coronary artery disease identified by lipidomic, proteomic and molecular biology technologies	87.75
6	PN-II-PT-PCCA-2011-3.1-0252	Saftoiu	Adrian	Universitatea de Medicina si Farmacie din Craiova	Hyperthermic magnetic nanoparticle ablation of liver and pancreatic tumors	87.67
7	PN-II-PT-PCCA-2011-3.1-0060	Teodor	Eugenia Dumitra	National Institute of Research and Development for Biological Sciences	Functionalized hydrogel-magnetic nanoparticles, from synthesis and self-assembly to antitumoral and other biological effects in vivo assessment	87.33
8	PN-II-PT-PCCA-2011-3.1-0633	Cristina	Ghervan	University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca	Protocol of diagnosis and treatment of thyroid nodules, based on ultrasound elastography and molecular analysis.	86.00
9	PN-II-PT-PCCA-2011-3.1-0240	Farcasanu	Ileana Cornelia	University of Bucharest	Characterization of new modulators of calcium metabolism using microarray technology and chemical genomic screens in yeast	85.00
10	PN-II-PT-PCCA-2011-3.1-0514	TISEANU	Ion	Institutul National de Cercetare Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatie	High-resolution, small animal radiation research platform with fully 3D X-ray tomographic and microbeam fluorescence/luminescence guidance capabilities	83.67

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11	PN-II-PT-PCCA-2011-3.1-0392	CALIN	Mihaela Antonina	National Institute of Research and Development for Optoelectronics	Non-invasive optical method for the diagnosis, evaluation and monitorization of skin aging process; its role in the early diagnosis of various dermatological conditions	83.00
12	PN-II-PT-PCCA-2011-3.1-0817	Fischer Fodor	Eva	Prof.Dr.I.Chiricuta Oncology Institute	Reduced redox reactivity in a new generation of blood substitutes: what is the impact in vitro and in vivo	82.67
13	PN-II-PT-PCCA-2011-3.1-0182	Leabu	Mircea	Institutul National de Cercetare-Dezvoltare in Domeniul Patologiei si Stiintelor Biomedicale "Victor Babeş"	Translation of coordinative chemistry in biology and therapy. Complex compounds of physiological cations with thiosemicarbazones and tiocarbohyrdazones as antitumoral and/or antibacterial drugs	81.67
14	PN-II-PT-PCCA-2011-3.1-0166	avram	speranta	University of Bucharest	Designing new calcium channels blockers as drugs for cardiovascular pathologies using a combination of in silico and experimental approaches	80.75
15	PN-II-PT-PCCA-2011-3.1-0598	BADEA	LIVIU	Institutul Național de Cercetare-Dezvoltare în Informatică - I.C.I. București	Improved genomic cancer markers for personalized diagnosis and prognosis prediction: a combined genomic and bioinformatic approach	79.00
16	PN-II-PT-PCCA-2011-3.1-1035	POPESCU	BOGDAN OVIDIU	Victor Babes National Institute of Pathology	Targeting angiogenesis and neurogenesis as an alternative approach for treatment of pharmaco-resistant focal epilepsy	78.33
17	PN-II-PT-PCCA-2011-3.1-1080	SPOREA	ioan	UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA	ALGORITHM FOR ELASTOGRAPHIC EVALUATION OF LIVER FIBROSIS AS AN ALTERNATIVE TO LIVER BIOPSY FOR THE EARLY DIAGNOSIS OF CHRONIC HEPATOPATHIES	78.33
18	PN-II-PT-PCCA-2011-3.1-1277	Stanculescu	Ruxandra	University of Medicine "Carol Davila" Bucharest	Protocol for the diagnosis of premature birth risk using imaging, immunological, morphological, proteomic, immunogenic predictive markers; antepartum and immediate postpartum dynamic assessment	76.33
19	PN-II-PT-PCCA-2011-3.1-0170	Ionescu	Ruxandra-Maria	Universitatea de Medicina si farmacie Carol davila - Centrul de Cercetare in patologia si tratamentul bolilor sistemice reumatismale	Vitamin D: implications in etiopathogenesis and therapy of Systemic Lupus Erythematosus and Systemic Sclerosis in order to reduce disease aggressiveness and socio-economic impact.	76.25
20	PN-II-PT-PCCA-2011-3.1-0827	Raduta	Apolodor Aristotel	Horia Hulubei National Institute of Physics and Nuclear engineering	Topical research on nano systems and their use for exploring	75.67
21	PN-II-PT-PCCA-2011-3.1-1658	Vlad	Adelina	Universitatea de Medicina si Farmacie Carol Davila, Bucuresti	Reduction of in-stent restenosis by enhanced endothelial progenitor cells mobilization and function after anesthetic preconditioning with sevoflurane	75.67

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22	PN-II-PT-PCCA-2011-3.1-0714	Halmagyi	Adela	Institute of Biological Research Cluj-Napoca, branch of National Institute of Research and Development for Biological Sciences Bucharest	Clonal selection of valuable black currant genotypes rich in polyunsaturated fatty acids.	73.75
23	PN-II-PT-PCCA-2011-3.1-0572	Salageanu	Aurora	Institutul National de Cercetare Dezvoltare pentru Microbiologie si Imunologie "Cantacuzino"	Innate immune modulators as countermeasures to post-sepsis immunosuppression	73.67
24	PN-II-PT-PCCA-2011-3.1-0410	POPOVICI	EVELINE	Al.I.Cuza University from Iasi	Bioapplicable functional nanovehicles as brain drug delivery systems for cholinesterase reactivators	73.33
25	PN-II-PT-PCCA-2011-3.1-0615	Radu	Beatrice Mihaela	University of Bucharest	Are quantum dots ready to be used in clinical imaging diagnosis? Links between long-term persistence in the body and inflammatory / excitability changes in the peripheral nervous system	73.00
26	PN-II-PT-PCCA-2011-3.1-1094	Staicu	Angela	National Institute for Lasers, Plasma, and Radiation Physics	Photo-induced antibacterial activity of phenothiazines	72.75
27	PN-II-PT-PCCA-2011-3.1-0882	Zalaru	Christina Marie	University of Bucharest	NOVEL-BIO-NANO-TECHNOLOGY APPROACHES FOR OBTAINING PHYTOTHERAPEUTICAL PRODUCTS WITH BETA-3-ADRENORECEPTOR SYNTHETIC COMPOUNDS	71.00
28	PN-II-PT-PCCA-2011-3.1-1502	Colceru-Mihul	Svetlana	National Institute For Chemical - Pharmaceutical Research and Development	Phytherapeutic product obtained by nanobiotechnology for some stages of antitumor treatment.	71.00
29	PN-II-PT-PCCA-2011-3.1-0306	BRINDUSA	TIPERCIUC	University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca	Chemical and biological development of new antitumor compounds with thiazole and bithiazole scaffolds	70.67
30	PN-II-PT-PCCA-2011-3.1-0815	Niculae	Dana	Horia Hulubei National Institute for Research and Development in Physics and Nuclear Engineering	Novel PET and SPECT tracers for differential diagnosis, prognosis, planning and monitoring of cancer treatment	69.00
31	PN-II-PT-PCCA-2011-3.1-0940	Irina	Titorencu	Institute of Cellular Biology and Pathology "Nicolae Simionescu"	Elaboration and clinical experimentation of a complex treatment protocol of the acute and chronic cutaneous wounds using skin substitutes with autologous cellular content	68.67
32	PN-II-PT-PCCA-2011-3.1-0063	Voicescu	Mariana	Institute of Physical Chemistry "Ilie Murgulescu"	The oxidative activity of riboflavin on nanoparticles support. Spectroelectrochemical investigation for biomedical applications.	68.33
33	PN-II-PT-PCCA-2011-3.1-0179	Popescu	Florin-Dan	Universitatea de Medicină și Farmacie "Carol Davila"	Tool design for pharmacovigilance. Prediction of life-threatening angioedema for patients treated with renin-angiotensin system inhibitors and/or glyptins	68.00

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34	PN-II-PT-PCCA-2011-3.1-1434	Moscovici	Misu	National Institute for Chemical-Pharmaceutical Research&Development	Extremophile microorganisms isolated from excessive climatic ecosystems for new biotechnologies	67.33
35	PN-II-PT-PCCA-2011-3.1-1610	Ștefu	Monica	Universitatea de Stiinte Agricole si Medicina Veterinara Cluj-Napoca	Risk Assessment of Biodeterioration of Cultural Heritage Objects: a Mathematical Model	67.00
36	PN-II-PT-PCCA-2011-3.1-1407	Rapeanu	Gabriela	Dunarea de Jos Unoversity of Galati	Optimization of biotechnology to develop dry wines from Sauvignon Blanc by increasing natural glutathione levels by endogenous and exogenous pathways	66.50
37	PN-II-PT-PCCA-2011-3.1-1820	Roman	Viviana	Intitute of Virology, Stefan S. Nicolau	Integrative analyses of IGHV mutational status, clinical and genomic biomarkers – a personalized approach for B-cell chronic lymphocytic leukemia patients.	65.33
38	PN-II-PT-PCCA-2011-3.1-0319	Surducan	Emanoil	NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES	Pulse-controlled microwaves stimulus for thermal and non-thermal effects in medical applications	64.50
39	PN-II-PT-PCCA-2011-3.1-0600	Neda	Ion	National Institute R&D for Electrochemistry and Condensed Matter Institute	NEW IMUNOMODULATING STRUCTURES FUNCTIONALIZED WITH BIOLOGIC ACTIVE	64.00
40	PN-II-PT-PCCA-2011-3.1-0502	Bancescu	Gabriela	University of Medicine and Pharmacy "Carol Davila", Bucharest	Protocols for the diagnosis of chronic aggressive marginal periodontitis: Assessment of the implications of bacterial flora with impact on the imbalance of the gingival and periodontal health	62.67
41	PN-II-PT-PCCA-2011-3.1-1376	Nitulescu	George Mihai	Carol Davila University of Medicine and Pharmacy	Development of new treatments in experimental Parkinson's disease models for new original lithium compounds	54.00
42	PN-II-PT-PCCA-2011-3.1-1398	Raica	Marius	VICTOR BABES UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA ROMANIA	HEAD AND NECK SQUAMOUS CELL CARCINOMAS:A NEW MOLECULAR CLASSIFICATION AND ITS IMPACT ON BIOLOGICAL TARGETED THERAPIES	51.33