

**Program Resurse Umane\_Proiecte de Cercetare Postdoctorala  
Rezultate finale\_Stiintele vietii aplicate si Biotehnologii**

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
1	PN-II-RU-PD-2012-3-0245	Stiintele vietii aplicate si Biotehnologii	Dulf	Francisc Vasile	National Institute of Research & Development for Optoelectronics - INOE2000, Research Institute for Analytical Instrumentation Cluj-Napoca	THE VALORIFICATION OF ANTIOXIDANT POTENTIAL OF SOME HYDROPHILIC AND LIPOPHILIC PHYTOCHEMICALS FROM AGRO-INDUSTRIAL ROMANIAN BIOPROCESSED WASTES	88.99
2	PN-II-RU-PD-2012-3-0283	Stiintele vietii aplicate si Biotehnologii	Leopold	Loredana Florina	SC PROPLANTA S.R.L. Applied Biotechnology in Diagnosis and Molecular Therapies	FTIR and Raman spectroscopy as new molecular tools in the targeted action of nano and microstructures for diagnosis and molecular therapy of fibrosis.	88.34
3	PN-II-RU-PD-2012-3-0055	Stiintele vietii aplicate si Biotehnologii	STANILA	ANDREEA IOANA	University of Agricultural Sciences and Veterinary Medicine	Brewer's yeast as biosorbent for precious and heavy metals biosorption from waste waters	81.17
4	PN-II-RU-PD-2012-3-0384	Stiintele vietii aplicate si Biotehnologii	Gavriliuc	Oana	Spitalul Clinic Judetean de Urgenta Timisoara	Induction of mesenchymal stem cells into insulin secreting cells as diabetes therapy	77
5	PN-II-RU-PD-2012-3-0304	Stiintele vietii aplicate si Biotehnologii	Duduman	Mihai-Leonard	Ştefan cel Mare University of Suceava	The potential impact of global warming on two fundamental factors of Spruce bark beetle Ips duplicatus population dynamics: voltinism and diapause	75.25
6	PN-II-RU-PD-2012-3-0220	Stiintele vietii aplicate si Biotehnologii	Filimon	Marioara Nicoleta	West University of Timisoara	Metabolization of difenoconazole by crop plants and fungi communities from soil	74.67
7	PN-II-RU-PD-2012-3-0337	Stiintele vietii aplicate si Biotehnologii	Guta	Ionela Catalina	National Research and Development Institute for Biotechnology in Horticulture Stefanesti-Arges	New aproches in Romanian grapevine virology: characterization of fleck virus and improvement the alternative sanitation methods	74.36
8	PN-II-RU-PD-2012-3-0224	Stiintele vietii aplicate si Biotehnologii	Adina Elena	Cata	National Institute of Research and Development for Electrochemistry and Condensed Matter	The effect of thermal treatment and storage on the anthocyanins stability. Solutions to improve food quality	73.83
9	PN-II-RU-PD-2012-3-0203	Stiintele vietii aplicate si Biotehnologii	Luchian	Camelia-Elena	Academia Română, Filiala Iasi	Wine bioactive components with farmaceutical uses and metal ions separation into inert nanoporous materials	73.66
10	PN-II-RU-PD-2012-3-0183	Stiintele vietii aplicate si Biotehnologii	carmen	sirbu	The National Research and Development Institute for Soil Science Agrochemistry and Environment -ICPA	Development and complex characterization of new fertilizers with natural organic substances	72.5
11	PN-II-RU-PD-2012-3-0247	Stiintele vietii aplicate si Biotehnologii	CARPA	RAHELA	ACADEMIA ROMANA - Filiala Cluj-Napoca	Biotechnology for microbial bioaugmentors for initiating the soil on coal mine spoil dumps	72.49
12	PN-II-RU-PD-2012-3-0370	Stiintele vietii aplicate si Biotehnologii	Paniti-Teleky	Orsolya-Reka	Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca	Statistical of honey bee populations regarding genotype and phenotype	72.34
13	PN-II-RU-PD-2012-3-0252	Stiintele vietii aplicate si Biotehnologii	RUGINA	DUMITRITA OLIVIA	Babes-Bolyai University	Bilberry anthocyanins - a promise therapy for type 2 diabetes in mice	72.33
14	PN-II-RU-PD-2012-3-0296	Stiintele vietii aplicate si Biotehnologii	Caulet	Raluca Petronela	Institutul de Cercetari Biologice Iasi	Influenta unor glicozide steroide asupra cresterii si fructificarii capsunului in conditii de stres hdric	72.17
15	PN-II-RU-PD-2012-3-0135	Stiintele vietii aplicate si Biotehnologii	Truta	Alina-Maria	Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca	The variability of different larch provenances on the response to the attack of the main pests and fungal diseases	70.33

**Program Resurse Umane\_Proiecte de Cercetare Postdoctorala  
Rezultate finale\_Stiintele vietii aplicate si Biotehnologii**

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
16	PN-II-RU-PD-2012-3-0425	Stiintele vietii aplicate si Biotehnologii	Pop	Carmen Elena	Institute of Biological Research	Comparative study of galanthamine accumulation in vivo and in vitro in Galanthus nivalis and Leucojum vernum species.	68.18
17	PN-II-RU-PD-2012-3-0548	Stiintele vietii aplicate si Biotehnologii	SOBOLU	Rodica	University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca	Generalized linear models: new developments and applications in agriculture	68
18	PN-II-RU-PD-2012-3-0618	Stiintele vietii aplicate si Biotehnologii	MIHAI	RALUCA	MICROBIAL BIOTECHNOLOGY CENTRE (CENTRUL DE BIOTEHNOLOGII MICROBIENE)	Vitis vinifera L. cvs. Negru Vârtos callus culture, a novel and valuable source of nutraceuticals – chemical, biological and molecular approaches	65.84
19	PN-II-RU-PD-2012-3-0321	Stiintele vietii aplicate si Biotehnologii	Pocol	Cristina Bianca	Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca Romania	Consumption and perception of honey as naturist product	65.5
20**	PN-II-RU-PD-2012-3-0632**	Stiintele vietii aplicate si Biotehnologii	Pavel	Crenguta-Ioana	University of Agricultural Science and Veterinary Medicine	Characterization of the royal jelly from Transylvania, Romania by means of physicochemical and palynological analyses	64.34**
21**	PN-II-RU-PD-2012-3-0075**	Stiintele vietii aplicate si Biotehnologii	VEDEANU	NICOLETA SIMONA	"IULIU HATIEGANU" UNIVERSITY OF MEDICINE AND PHARMACY, CLUJ-NAPOCA FACULTY OF PHARMACY	Influence of simulated body fluid enriched with D vitamin on some calcium phosphate compounds with potential for bone reconstruction	64**
22**	PN-II-RU-PD-2012-3-0602**	Stiintele vietii aplicate si Biotehnologii	POPESCU	DANIELA	"ION IONESCU DE LA BRAD" UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE OF IASI	Study of ecological adaptation capacity of grapes varieties for red wines cultivated on soil in North-West Region of Romania	63.34**
23**	PN-II-RU-PD-2012-3-0153**	Stiintele vietii aplicate si Biotehnologii	SESTRAS	Adriana Florina	Statiunea de Cercetare-Dezvoltare pentru Pomicultura Cluj	Improving pear resistance to the main fungal diseases by using inestimable potential of Romanian germplasm resources	63.17**
24**	PN-II-RU-PD-2012-3-0254**	Stiintele vietii aplicate si Biotehnologii	Tanase	Constantin-Edi	"Grigore T.Popa" University of Medicine and Pharmacy	Novel biomimetic and biohybrid scaffolds for regenerative medicine of bone tissue.	63**
25**	PN-II-RU-PD-2012-3-0202**	Stiintele vietii aplicate si Biotehnologii	Panoiu	Ioana	National Research and Development Institute for Soil Science, Agrochemistry and Environment	Assessing the impact of agricultural practices on nitrate pollution at catchment scale using SWAT model	62.83**
26**	PN-II-RU-PD-2012-3-0317**	Stiintele vietii aplicate si Biotehnologii	Vescan	Liviu Adrian	Universitatea Babeş-Bolyai	Improving the conventional culture media for the in vitro propagation of berry fruits by using different sources of organic nitrogen	62.67**
27**	PN-II-RU-PD-2012-3-0484**	Stiintele vietii aplicate si Biotehnologii	Arus	Vasilica Alisa	Vasile Alecsandri University of Bacau	Improvement of lactic fermentation process using anionic clays	62.33**
28**	PN-II-RU-PD-2012-3-0507**	Stiintele vietii aplicate si Biotehnologii	Marius	Niculaua	Academia Romana - Filiala Iasi	The study of unconventional methods of maceration in winemaking and biological effects of produced wines	61.5**
29**	PN-II-RU-PD-2012-3-0205**	Stiintele vietii aplicate si Biotehnologii	Bartha	Csaba	Sapientia University	Physiological reactions of different lettuce cultivars to salt stress	60.66**
30**	PN-II-RU-PD-2012-3-0329**	Stiintele vietii aplicate si Biotehnologii	Ratiu	Ileana-Andreea	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	Real-time identification and characterization of pesticides present in honey	59.49**

**Program Resurse Umane\_Proiecte de Cercetare Postdoctorala  
Rezultate finale\_Stiintele vietii aplicate si Biotehnologii**

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Punctaj final
31**	PN-II-RU-PD-2012-3-0369**	Stiintele vietii aplicate si Biotehnologii	coroi	irina	"Alexandru Ioan Cuza" University of Iasi	ORGANIC SUBSTRATUMS USED IN BIOPURIFICATION TECHNOLOGIES AND ITS EFFECTS ON MINIMIZE PESTICIDE RISKS IN SOIL – WATER – PLANTS SYSTEMS	59**
32**	PN-II-RU-PD-2012-3-0190**	Stiintele vietii aplicate si Biotehnologii	Duda	Simona Carmen	Agricultural Research and Development Station	Identifying the most valuable varieties of marigold ( <i>Calendula officinalis</i> L.) to promote their superior phytotherapeutic purposes	58.17**
33**	PN-II-RU-PD-2012-3-0200**	Stiintele vietii aplicate si Biotehnologii	Calciu	Irina Carmen	National Research and Development Institute for Soil Science, Agrochemistry and Environment	Estimations of nitrogen and phosphorus contents in agricultural harvested crop production and by-products using data from official statistics	58.17**
34**	PN-II-RU-PD-2012-3-0385**	Stiintele vietii aplicate si Biotehnologii	GHEORGHE CRISTIAN	POPESCU	UNIVERSITY OF PITESTI	Adaptation and implementation of some modern technological elements of foliar biofertilization using seaweed extracts in grapevine	58.17**
35**	PN-II-RU-PD-2012-3-0599**	Stiintele vietii aplicate si Biotehnologii	Gherghina	Carmen-Alina	NATIONAL RESEARCH AND DEVELOPMENT INSTITUTE FOR SOIL SCIENCE AGRO-CHEMISTRY AND ENVIRONMENT BUCHAREST	Evaluation of air permeability of the soils with risks to compaction due to tillage - in Central Baragan Plain	56.67**
36**	PN-II-RU-PD-2012-3-0016**	Stiintele vietii aplicate si Biotehnologii	Vasiliniuc	Ionut	Universitatea de Stiinte Agricole si Medicina Veterinara Ion Ionescu de la Brad, Iasi	Threats to soil quality in north-eastern Romania and protection measures against them	56.17**
37**	PN-II-RU-PD-2012-3-0589**	Stiintele vietii aplicate si Biotehnologii	Risca	Ioan-Marian	Institutul de Chimie Macromoleculara "Petru Poni" Iasi	New azaheterocyclic compounds with application in the forest sustainability	54.34**
38**	PN-II-RU-PD-2012-3-0554**	Stiintele vietii aplicate si Biotehnologii	Ancu	Irina	Research Institute for Fruit Growing	The rapid diagnosis of water stress and nutritional stress in highbush blueberry under the climate change conditions	53.83**
39**	PN-II-RU-PD-2012-3-0148**	Stiintele vietii aplicate si Biotehnologii	ANTON	IULIA	NATIONAL RESEARCH AND DEVELOPMENT INSTITUT FOR SOIL SCIENCE AGROCHEMISTRY AND ENVIRONMENTAL PROTECTION – RISSA BUCHAREST	NOVEL FERTILIZING STRUCTURE FOR INCREASING THE AGROCHEMICAL EFFICIENCY AND PREVENTING THE ENVIRONMENT CHEMICAL POLLUTION PHENOMENA	53.17**
40**	PN-II-RU-PD-2012-3-0619**	Stiintele vietii aplicate si Biotehnologii	Botha	Miklos	SC Bioflux SRL	Genofond strengthening of a recent new biological creation, Rabbit of Cluj ( <i>Oryctolagus cuniculus</i> L.), in order to create a competitive Romanian breed	38.64**