

LISTA DE LUCRARI

Munteanu Florentina-Daniela – Dr. din 2002, Profesor Universitar din 2008, abilitare din 2018

1. Teza de doctorat: Munteanu F-D., 2002, *Studies of Electrocatalytic Reactions of NADH at Mediator Modified Electrodes and of H₂O₂ at Peroxidase Modified Electrodes*, Conducător științific: Prof. Univ. Dr. Lo Gorton, Universitatea Lund, Suedia

2. Cărți / cursuri publicate în edituri recunoscute sau pe plan local, îndrumare publicate/culegeri de probleme, cursuri proprii pe Web, prin care se aduc contribuții la dezvoltarea activităților didactice / profesionale

1. **Florentina-Daniela Munteanu**, *Studies of Electrocatalytic Reactions of NADH at Mediator Modified Electrodes and of H₂O₂ at Peroxidase Modified Electrodes*, 2002 (ISBN 91-7422-005-5), KFS Lund, Universitatea Lund Suedia
2. **Munteanu Florentina-Daniela**, *Fundamental and Applied Research on Recombinant and Wilde type Horseradish Peroxidase Based Biosensors*, Tipografia Universității Lund, Suedia 1997
3. **Munteanu Florentina-Daniela**, Adina Maria Bodescu, *Chimia Mediului: Noi teoretice, aplicative și numerice*, Editura Universității Aurel Vlaicu, 2008 (ISBN 978-973-752-232-0)
4. Annika Lindgren, Tautgirdas Ruzgas, Leonard Stoica, **Florentina-Daniela Munteanu**, and Lo Gorton *Cellobiose Dehydrogenase and Peroxidase Biosensors for Determination of Phenolic Compounds in Chemical and Biological Sensors for Environmental Monitoring*, A. Mulchandani and O. A. Sadik (Eds), ACS Symposium Series, vol. 762, 113.

5. **Munteanu Florentina-Daniela**, Nicolae Dinc , Artur Cavaco-Paulo, *MALDI-ToF Mass Spectrometry in Textile Industry*, Springer Verlag, ISBN 978-1-4020-8811-7
6. **Munteanu Florentina-Daniela**, No iuni de chimia mediului, <https://core.uav.ro/learning-cursuri?folder=dec603d0dacc791b2287&action=list>
7. **MunteanuFlorentina-Daniela**, Elemente de electrochimie i coroziune, https://core.uav.ro/learning-cursuri?form_submitted=1&folder=dec203d1dac5e2bf18d1
8. **Munteanu Florentina-Daniela**, Gestiuena substan elor chimice periculoase, <https://core.uav.ro/learning-cursuri?folder=dec203d0dacd9a71fb79&action=list>
9. Ioan Calinovici, **Florentina-Daniela Munteanu**, Monica Lungu, Virgil Ciutin , Strategia de Combatere a plantelor invazive, <http://sesil.eu/ro>

Lucr ri indexate ISI/BDI

1. **Munteanu, Florentina-Daniela**; Titoiu, A.M.; Marty, J.-L.; Vasilescu, A. Detection of antibiotics and evaluation of antibacterial activity with screen-printed electrodes. *Sensors* (Basel, Switzerland) 2018, 18. **WOS:000428805300222 (IF 2,677)**
2. Bucur, B.; **Munteanu, Florentina-Daniela**; Marty, J.-L.; Vasilescu, A. Advances in enzyme-based biosensors for pesticide detection. *Biosensors* 2018, 8. **WOS:000435137200001**
3. **Munteanu, Florentina Daniela**; Sanislav, Andreia; Stanescu, Michaela Dina, *Coupled Electrochemical and Enzymatic Degradation of Two Anthraquinone Dyes*, *Revue Roumaine de Chimie*, 2015, 60, 2-3, 233-239, **WOS:000360325400014 (IF 0,250)**
4. Sirghie, Cecilia; Bodescu, Adina-Maria; Botar, Alexandru; Cavaco-Paulo Artur, **Munteanu Florentina-Daniela**, Characterization of ligno-cellulosic materials bleached with oxo-diperoxo-molybdates, *Carbohydrate Polymers*, 2013, 98, 1, 490-494, **WOS:000325835600064 (IF 3,916)**
5. Margarida M. Fernandes, Andreia C. Gomes, Andreia Vasconcelos, **Florentina-Daniela Munteanu**, Tzanko Tzanov, Maria Sameiro T. Gonçalves, Nicole End, Kai-Uwe Schoening, Georg M. Guebitz and Artur Cavaco-Paulo, *Protein disulphide isomerase-assisted functionalization of keratin-based matrices*, *Applied Microbiology and Biotechnology*, 2011, 90 4, 1311-1321, **WOS:000290574700012 (IF 3,425)**

6. Munteanu, Florentina-Daniela; Cavaco-Paulo, Artur, *Biosensors Based on Laccase for Detection of Commercially Reactive Dyes*. Analytical Letters 2010, 43, (7-8), 1126-1131, [WOS:000277838400006 \(IF 0,920\)](#)
7. Brissos Vânia; Pereira Luciana; **Munteanu Florentina-Daniela**; Cavaco-Paulo Artur; Martins Lígia O *Expression system of CotA-laccase for directed evolution and high-throughput screenings for the oxidation of high-redox potential dyes*. Biotechnology Journal 2009;4(4):558-563, [DOI:10.1002/biot.200800248 \(Wiley, Pubmed\)](#)
8. **Florentina-Daniela Munteanu**, Patricia Ferreira, Francisco J. Ruiz-Dueñas, Angel T. Martínez, Artur Cavaco-Paulo, *Bioelectrochemical investigations of aryl-alcohol oxidase from Pleurotus eryngii*, *in* Journal of Electroanalytical Chemistry, 2008, Volume 618, Issues 1-2, 1 July 2008, Pages 83-86, [WOS:000257007800012 \(IF 2,484\)](#)
9. **Florentina-Daniela Munteanu**, Carlos Basto, Georg Gübitz, Artur Cavaco-Paulo *Staining of wool using the reaction products of ABTS oxidation by laccase: synergetic effects of ultrasound and cyclic voltammetry* *in*: Ultrasonics Sonochemistry, 2007, 14 (3), 363-367, [WOS:000243627400013 \(IF 2,434\)](#)
10. **Florentina-Daniela Munteanu**, Delia Gligor, Ionel Catalin Popescu and Lo Gorton *Formate Dehydrogenase-Modified Carbon Paste Electrodes for Amperometric Detection of Formate* *in*: Revue Roumaine de Chimie, 2006, 51(1), 25, [WOS:000238234900004 \(IF 0,208\)](#)
11. Andrea Zille, **Florentina-Daniela Munteanu**, Georg Gübitz, Artur Cavaco-Paulo *Laccase Kinetics of Degradation and Coupling Reactions* *in*: Journal of Molecular Catalysis:B, 2005, 33 (1-2), 23, [WOS:000229394200004 \(IF 1,685\)](#)
12. **Florentina-Daniela Munteanu**, Francisco Ruiz-Dueñas, Angel Martínez, Artur Cavaco-Paulo *Kinetics of Direct and Mediated Electron Transfer of Versatile Lignolytic Peroxidase Modified Graphite Electrodes* *in*: Journal of Electroanalytical Chemistry, 2005, 580 (1), 35, [WOS:000229512700005 \(IF 2,223\)](#)
13. **Florentina-Daniela Munteanu**, Nicolas Mano, Alexander Kuhn, and Lo Gorton *NADH Electrooxidation Using Nitro-Fluorenone Derivatives Immobilised on Zirconium Phosphate* *in*: Journal of Electroanalytical Chemistry, 2004, 564, 167. [WOS:000220097900019 \(IF 2,228\)](#)

14. Delia Dicu, **Florentina-Daniela Munteanu**, Ionel Catalin Popescu, Lo Gorton *Indophenol and O-Quinones Derivatives Immobilized on Zirconium Phosphate for NADH Electrooxidation* *in:* Analytical Letters, 2003, 36 (9), 1775, [WOS:000184660600007 \(IF 0,929\)](#)
15. **Florentina-Daniela Munteanu**, Delia Dicu, Ionel Catalin Popescu, Lo Gorton *NADH Electrooxidation Using Carbonaceous Electrodes Modified with Dibenzo-Dithia-Diazapentacene* *in:* Electroanalysis, 2003, 15(5-6), 383. [WOS:000182694800006 \(IF 1,811\)](#)
16. **Florentina-Daniela Munteanu**, Lo Gorton, Yoshiyuki Okamoto *Electrochemical and Catalytic Investigation of Carbon Paste Modified With Toluidine Blue O Covalently Immobilised on Silica Gel* *in:* Analytica Chimica Acta, 2003, 476, 43, [WOS:000180168800005, \(IF 2,210\)](#)
17. Per Persson, Simona Larsson, Leif J. Jönsson, Nils-Olof Nilvebrant, Björn Sivik, **Florentina Munteanu**, Lars Thörneby, Lo Gorton *Supercritical Fluid Extraction of a Lignocellulosic Hydrolysate of Spruce for Detoxification and to Facilitate Analysis of Inhibitors* *in:* Biotechnology & Bioengineering, 2002, 79(6), 694, [WOS:000177549400013 \(IF 2,211\)](#).
18. **Florentina-Daniela Munteanu**, Marcus Mosbach, Albert Schulte, Wolfgang Schuhmann, and Lo Gorton *Fast Scan Cyclic Voltammetry and Scanning Electrochemical Microscopy for Studies on the Acidic pH Effect on 2-Electron Mediators Immobilised on Zirconium Phosphate* *in:* Electroanalysis, 2002, 14(21), 1479, [WOS:000179597300004 \(IF 1,811\)](#)
19. **Florentina-Daniela Munteanu**, Nicolas Mano, Alexander Kuhn, Lo Gorton *Mediator Modified Electrodes for Catalytic NADH Oxidation: High Rate Constants at Interesting Overpotentials* *in:* Bioelectrochemistry, 2002, 56, 67, [WOS:000176715700016 \(IF 1,463\)](#).
20. **Florentina-Daniela Munteanu**, Lauro Kubota, and Lo Gorton *Effect of pH on the Catalytic Electrooxidation of NADH Using Different 2-electron Mediators Immobilised on Zirconium Phosphate* *in:* Journal of Electroanalytical Chemistry, 2001, 509 (1), 2 [WOS:000170406300002 \(IF 1,960\)](#).

21. **Florentina-Daniela Munteanu**, Lo Gorton, Annika Lindgren, Tautgirdas Ruzgas, Jenny Émneus, Elisabeth Csöregi, Irina G. Gazaryan, Igor V. Ouporov, Elena A. Mareeva and L. Mark Lagrimini *Direct and Mediated Electron Transfer Catalysed by Anionic Tobacco Peroxidase: Effect of Calcium Ions* *in: Applied Biochemistry and Biotechnology*, 2000, 88, 321 **WOS:000089923900031 (IF 0,843)**.
22. Lauro Kubota, **Florentina-Daniela Munteanu**, A. Roddick-Lanzilotta, A. J. McQuillan, and Lo Gorton *Electrochemical Investigation of Some Aromatic Redox Mediators Immobilised on Titanium Phosphate* *in: Quimica Analitica*, 2000, 19 (Suppl 1) 15, **WOS:000165192000004 (IF 0,246)**.
23. Lo Gorton, Annika Lindgren, Ted Larsson, **Florentina-Daniela Munteanu**, Tautgirdas Ruzgas and Irina G. Gazaryan *Direct Electron Transfer between Heme-Containing Enzymes and Electrodes as Basis for Third Generation Biosensors* *in: Analytica Chimica Acta*, 1999, 400, 91, **WOS:000084204200010 (IF 0,562)**.
24. Annika Lindgren, **Florentina-Daniela Munteanu**, Irina G. Gazaryan, Tautgirdas Ruzgas, Lo Gorton *Comparison of Rotating Disk and Wall-Jet Electrode Systems for Studying the Kinetics of Direct and Mediated Electron Transfer for Horseradish Peroxidase on a Graphite Electrode* *in: Journal of Electroanalytical Chemistry*, 1998, 458, 113, **WOS:000077470400012 (IF 1,760)**.
25. **Florentina-Daniela Munteanu**, Annika Lindgren, Jenny Émneus, Lo Gorton, Tautgirdas Ruzgas, Elisabeth Csöregi, Anton Ciucu, R. B. van Huystee, Irina G. Gazaryan, and L. Mark Lagrimini *Bioelectrochemical Monitoring of Phenols and Aromatic Amines in Flow Injection Using Novel Plant Peroxidases* *in: Analytical Chemistry*, 1998, 70, 2596, **WOS:000074584700053 (IF 4,580)**.
26. Tzanov Tzanko, **Florentina-Daniela Munteanu**, Artur Cavaco-Paulo, CELL 130-Isomerases for functional modification of fibrous polymers, Abstracts of Papers of American Chemical Society, 2007, 233, 674, **WOS:000207722800572**
27. Margarida Fernandes, Carlos Basto, Andrea Zille, **Florentina-Daniela Munteanu**, Georg M. Gübitz, Artur Cavaco-Paulo, **POLY 441-Sono-enzymatic polymerization of catechol**, Abstracts of Papers of American Chemical Society, 2007, 232, **WOS:000207781701533**

28. Andrea Zille, **Florentina-Daniela Munteanu**, Georg M. Gübitz, Artur Cavaco-Paulo, Laccase polymerization of amino-phenol compounds, Abstracts of Papers of American Chemical Society, 2005, 229, 2, U955, [WOS:000235066604329](#)
29. Annika Lindgren, Tautgirdas Ruzgas, Leonard Stoica, **Florentina-Daniela Munteanu**, and Lo Gorton, *Cellobiose dehydrogenase and peroxidase biosensors for determination of phenolic compounds*, Abstracts of Papers of American Chemical Society, 1999, 217, U789, [WOS:000079148102461](#)
30. **BREVET**: Sîrghie Cecilia, Radu Dana Gina, **Munteanu Florentina-Daniela**, Pag Andreea, Dochia Mihaela, Tomescu Daniel, PROCESS FOR MELTING BAST FIBER PLANTS, SUCH AS: FLAX, HEMP, JUTE ETC, 2014, [Derwent Primary Accession Number: 2013-Q10123 \[13\]](#)
31. Delia Gligor, **Florentina-Daniela Munteanu**, Ionel Catalin Popescu, Lo Gorton *NADH Electrocatalytic Oxidation at 2,6-Dichlorophenolindophenol Modified Electrodes în: Annals of West University of Timisoara, Series Chemistry*, 2003, 12 (1), 1. ([GoogleScholar](#))
32. **Florentina-Daniela Munteanu**, Biosensors for Determination of Azo Dyes, *Annals of the University of Oradea, Fascicle of Textiles-Leatherwork*, 2007, vol VIII, 55([GoogleScholar](#))
33. **Florentina-Daniela Munteanu**, Mihaela Dochia, Cecilia Sirghie, Studies on the Stability of a Laccase Used in Ultrasound or in presence of Emolient , *Annals of the University of Oradea, Fascicle of Textiles-Leatherwork*, 2007, vol VIII, 62, ([GoogleScholar](#))
34. **Florentina Daniela Munteanu**, Monica Elena Lungu, Oana Brînzan, Dana Radu, The unecological waste dump in Arad city, I: Determination of pollutants in, *Scientifical and Technical Bulletin of Aurel Vlaicu University Arad, Series Chemistry, Food Science & Engineering*, 2006.vol.11(XII), 259
35. **Florentina Daniela Munteanu**, Paulo Durão, O. Lúgia Martins, Artur Cavaco-Paulo, Determination of the Redox Potential of Some Laccases in, *Scientifical and Technical Bulletin of Aurel Vlaicu University Arad, Series Chemistry, Food Science & Engineering*, 2006.vol.11(XII), 56

36. **Florentina-Daniela Munteanu**, Artur Cavaco – Paulo, Use of Two Redox Enzymes for Azo Dyes Decolorization, Scientifical and Technical Bulletin of Aurel Vlaicu University Arad, Series Chemistry, Food Science & Engineering, 2005.vol.10(XI), 56-64
37. Onofrei Adriana-Gabriela, **Florentina Munteanu**, Monica Zdremtan, Alexandra Anghel, Anamaria Lucaci, Fitointercession study of soils contaminated with some heavy metals, Bulletin USAMV-CN, 2007, 63-64, ([GoogleScholar](#))
38. Anghel Alexandra, Lucaci Anamaria, Ydrem an Monica, **Munteanu Florentina-Daniela**, Onofrei Adriana-Gabriela, Fitoremedierea solurilor contaminate cu metale grele, Simpozionul Geoecologia, 2007, 6 ([GoogleScholar](#))
39. Dinca Nicolae, Sisu Eugen, Munteanu Florentina, Grosu Viorica, application of csi-diff-ms software for identification of the best quantum chemical method for 3-and 4-nitrobenzophenone dimethylacetal molecules and fragmentation ions, Scientifical and Technical Bulletin of Aurel Vlaicu University Arad, Series Chemistry, Food Science & Engineering, 2005, 10(XI), ([GoogleScholar](#))
40. Munteanu Florentina-Daniela, Cavaco-Paulo Artur, Electrochemical aspects of the dye degradation by redox enzymes, 4th European meeting on Oxizymes, 2008, Helsinki, Finland

Particip ri la conferin e

Prezent ri orale i/sau postere în cadrul urm toarelor conferin e:

1. 35th Romanian Chemistry Conference, Octombrie 2-5, 2018, C iulata, România
2. 4th International Conference on Analytical Chemistry, Septembrie 1-3, 2018, Bucure ti România
3. The 4th International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences NT-SMT-LS, 30 August-1 Septembrie 2018, Bra ov, România
4. 7th International Symposium on Research and Education in an Innovation Era, Mai 17-20, 2018, Arad, România

5. 6th International Symposium on Research and Education in an Innovation Era, Decembrie 8-10, 2016, Arad, România
6. New Trends on Sensing- Monitoring- Telediagnosis for Life Sciences, Braşov, Romania, Septembrie, 3-5, 2015
7. 5th International Symposium on Research and Education in an Innovation Era, Noiembrie 5-7, 2014, Arad, România
8. New Trends on Sensing- Monitoring- Telediagnosis for Life Sciences Braşov, Romania, July 24-26, 2014
9. Development of Novel Nanotechnology Based Diagnostic Systems for Rheumatoid Arthritis and Osteoarthritis (NanoDiaRA), Noiembrie 2013, Lisabona, Portugalia
10. 4th International Symposium on Research and Education in an Innovation Era, Noiembrie 8-9, 2012, Arad, România
11. The 3rd International Conference on Institutional Strategic Quality Management in Higher Education ISQM 2011, 14-16 July 2011, Sibiu - Romania)
12. The 2nd International Conference on Institutional Strategic Quality Management in Higher Education ISQM 2010, 14-16 October 2010, Sinaia - Romania)
13. 3rd International Symposium on Research and Education in an Innovation Era, Noiembrie 10-12, 2010, Arad, România
14. SECOSAFT , Mai 22-23 2010, Sibiu, România
15. *International Conference On Chemistry and Chemical Engineering* , Mai 28-30, 2008, Timişoara, România
16. *Conference on Condensed Matter Physics*, Iulie 16-18, 2008, Timişoara, România
17. *European Meeting on Oxizymes*, Iunie 16-18, 2008, Helsinki, Finlanda
18. The 41st IUPAC World Chemistry Congress, August 5-11, 2007, Torino, Italia
19. 1st Advanced Research Workshop on Applications of Mass Spectrometry in Life Safety under NATO auspices, Septembrie 23-27, 2007, Herculane, România
20. Modern Technologies and Performant Management in The Textiles – Leatherwork Field, 24-26 Mai, 2007, Oradea, România
21. Prezent în perspectivă în biotehnologiile alimentare, 15.17 Noiembrie, 2007, Suceava, România

22. Prospects for the 3rd Millenium Agriculture, 4-6 Octombrie, 2007, Cluj Napoca, România
23. EcoMediu, 21-23 Noiembrie, 2007, Arad, România
24. The 7th Workshop on Biosensors and Bioanalytical μ -Techniques in Environmental and Clinical Analysis, Septembrie 10-14, 2006, Kusadasi, Turcia
25. XVII International Symposium on Bioelectrochemistry and Bioenergetics, 3rd Spring Meeting, Bioelectrochemistry, Iunie 19-24, 2005, Coimbra, Portugalia
26. COST E23 *Biotechnologia in Industria Celulozei i Hârtiei*, Aprilie 26-29, 2005, Baiona (Pontevedra), Spania
27. 229th ACS Conference, Martie 13-17, 2005, San Diego, USA
28. Workshop of COST Action 847 & D32, Noiembrie 11-12, 2004, Póvoa de Varzim, Portugalia
29. Workshop of COST ACTION 847/WG 4 meeting, Octombrie 28-29, 2004, Sofia, Bulgaria
30. 13th Romanian International Conference on Chemistry and Chemical Engineering, Septembrie 16-20, 2003, Bucure ti, România
31. 11th Physical Chemistry Conference with International Participation, ROMPHYSchem 11, Septembrie 2-5, 2003, Timi oara, Romania
32. The XVIIth International Symposium on Bioelectrochemistry and Bioenergetics, Iunie 19-24, 2003, Floren a, Italia
33. Journées d'Electrochimie 2003, Iunie 3-6, 2003, Poitiers, Fran a
34. The Seventh World Congress on Biosensors, Mai 15-17, 2002, Kyoto, Japonia
35. German-Swedish Workshop on Biomolecular Recognition for Analytical Biochemistry, Decembrie 8, 2001, Luckenwalde, Germania
36. Analysdagarna, Iunie 11-14, 2001, Stockholm, Suedia
37. New Direction in Electroanalysis, Aprilie 22-25, 2001, Salford, Anglia
38. Faraday Discussion 116, Bioelectrochemisry, Iulie 17-19, 2000, Southampton, Anglia
39. Biosensors, Mai 24-26, 2000, San Diego, USA
40. Analysdagarna" Iunie 14-17, 1999, Uppsala, Suedia
41. Joint Meeting in Bioanalytical Chemistry, Octombrie 29-30, 1998, Lund Suedia
42. Biosensors, Iunie 3-5, 1998, Berlin, Germania

43. Bioelectrochemistry and Bioenergetics, Mai 23-29, 1998, Vingstedcentret, Danemarca

4. Proiecte de cercetare-dezvoltare

A. Coordonare proiecte:

Interna ionale:

1. 2009-2013- **FP7- NMP-2008-LARGE-2, Proiect No 228827-** *Folate-based nanobiodevices for integrated diagnosis/therapy targeting chronic inflammatory diseases*
2. 2006-2009- Contract de Cercetare **NATO Nr. EAP.RIG.982234** intitulat „*Biosensors for Environmental Pollutants Monitoring*”
3. 2004-2005 - **SFRH/BPD/16674/2004**, Portugalia „*Electrochemical Characterization of Redox Biodegradation of Redox Dyes*” (derulat în cadrul Minho University)

Na ionale:

1. 2018-2020- **PN-III-P1-1.2-PCCDI2017-0569** – „*Închiderea lanțurilor de valoare din bioeconomie prin obținerea de bioproduse inovative cerute de piață –PRO-SPER*”, - 10-PCCDI/2018
2. 2017-2018 – **PN3, Proiecte Cooperare Bilateral România-Franța, BM46**, *Valorificarea subproduselor de vinificație - aplicații pentru tratamentul apelor reziduale*
3. 2014-2017- **PN2, Proiecte Colaborative de Cercetare Aplicativ , PN-II-PT-PCCA-2013-4-0191** *Interactomica galactozaminoglicanilor în matricea extracelular prin spectrometrie de masa avansat*
4. 2010-2012- **PN2, Capacit i, Modulul III**, - *Folate-based nanobiodevices for integrated diagnosis/therapy targeting chronic inflammatory diseases*
5. 2006-2008 - **Cercetare de excelenta** intitulat „*Sisteme computerizate de filtrare si separare activate cu ultrasunete si controlate cu biosenzori pentru procese textile*”
6. 2005 –2007 – Contract **Cercetare de excelenta Nr. 3179/12.10.2005** intitulat „*Caracterizarea Electrochimic i Studiul Cinetic al Biodegrad rii Poluan ilor Mediului*”

B. Membru în echipa de cercetare:

Proiecte internaționale

1. 2015-2017 – **EEA Grants**, prin mecanismul financiar al spațiului economic european (SEE), Program RO 02 – biodiversitate și servicii ale ecosistemelor, „*Stoparea extinderii speciilor invazive de plante în Parcul Natural Lunca Mure ului*”
2. 2004 - **NNP2-CT-2003-505892**, ULTRATEC, „*Ultrasound Assisted Enzymatic Processing of Textiles*”, (1022000 RON)
3. 1998 – **FP4-** „*Prussian blue based novel highly selective chemical and biological sensors for food control*”
4. 1997 - **BIO4-CT97-2199** „*Directly interfaced and micro or nanostructured detection systems*”

Proiecte naționale

1. 2017-2018- **PN-III-P2-2.1-PTE- 2016-0217-** Instalație demonstrativă pentru o tehnologie inovativă de topire a cânepii
2. 2016-2019 – Novel Bio-inspired Cellular Nano-Architectures (BioCell-NanoART), **POC-A1-A1.1.3-E-2015**,
3. 2014-2015 - Centru de cercetare în Științe Tehnice și Naturale CESTN”, proiect cofinanțat de Uniunea Europeană prin Fondul European de dezvoltare Regională în cadrul programului operațional sectorial „**Creșterea Competitivității Economice**”: INVESTIȚII PENTRU VIITORUL DVS
4. 2014-2015 - **POSDRU** - Axa prioritară 5 "Promovarea măsurilor active de ocupare", Domeniul major de intervenție 5.1. "Dezvoltarea și implementarea măsurilor active de ocupare în Regiunea Vest" 131980 - RE-ACTIV PE PIAȚA MUNCII! Integrarea profesională a categoriilor defavorizate pe piața muncii
5. 2010-2013- **Programul Operațional Sectorial Creșterea Competitivității Economice**, Axa prioritară 2 - Competitivitate prin CDI, Operațiunea 2.1.2: "Proiecte CDI de înalt nivel științific la care vor participa specialiști din străinătate": Plantele liberienne-resurse regenerabile strategice pentru economia Europeană - BASTEURES

6. 2006-2008- **Cercetare de excelen** consorțiu CEEEX; Afilia ie : VIASAN; „Determinarea expresiei glicosfingolipidelor complexe în sistemul nervos central prin dispozitive de microcipuri integrate polifuncționale cuplate cu spectrometrie de masă de înalt performanță ” Valoare total : 1.5 milioane RON dintre care 200000 RON revin UAV
7. 2006-2008- **Cercetare de excelen** -Modul 3„Integrarea unui centru român de spectrometrie de masă biomedical de înalt performanță în aria de cercetare internațională europeană ” Valoare total : 200000 RON dintre care 40000 RON revin UAV
8. 2006-2009- **Cercetare de excelen** – Modulul 3 „Parteneriat științific în domeniul nanostiintelor și nanotehnologiilor aplicate în textile” (188.000 RON)
9. 2006-2007- **Cercetare de excelen** consorțiu CEEEX „Tehnologii noi aplicate materialelor din fibre liberiene utilizând procese chimice și enzimatică în ultrasunete pentru obținerea de materiale performante. Acronim TENZINUS” 486.000 RON revin UAV
10. 2006-2008- **Cercetare de excelen** – Modulul 3 “Rețea regională de excelență în domeniul micro-nano-bio tehnologiilor și materialelor textile pentru aplicații medicale: Acronim EUROTExMED”
11. 2006-2008- **Cercetare de excelen** consorțiu CEEEX „Compuși polioxometaliți (POM) cu activitate catalitică oxidativă pentru aplicații de vârf. ACRONIM: POMALB”
12. 2006 - Întocmirea unui studiu de fezabilitate în vederea soluționării neutralizării gropii de gunoi din localitatea Arad”

15.01.2019

Munteanu Florentina-Daniela