

## LIST OF PUBLICATIONS

Munteanu Florentina-Daniela – PhD since 2002, Professor since 2008, habilitation since 2018

**1. PhD thesis: Munteanu F-D.**, 2002, *Studies of Electrocatalytic Reactions of NADH at Mediator Modified Electrodes and of H<sub>2</sub>O<sub>2</sub> at Peroxidase Modified Electrodes*, Conduc tor tiințific: Prof. Univ. Dr. Lo Gorton, Universitatea Lund, Suedia

### 2. Books and book chapters

1. **Florentina-Daniela Munteanu**, *Studies of Electrocatalytic Reactions of NADH at Mediator Modified Electrodes and of H<sub>2</sub>O<sub>2</sub> 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 Universit ii Lund, Suedia 1997
3. **Munteanu Florentina-Daniela**, Adina Maria Bodescu, *Chimia Mediului: No iuni teoretice, aplicative i numerice*, Editura Universit ii 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 în 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. **Munteanu Florentina-Daniela**, Elemente de electrochimie i corozione, [https://core.uav.ro/learning-cursuri?form\\_submitted=1&folder=dec203d1dac5e2bf18d1](https://core.uav.ro/learning-cursuri?form_submitted=1&folder=dec203d1dac5e2bf18d1)
8. **Munteanu Florentina-Daniela**, Gestiunea 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>

### Scientific papers indexed in Web of Science and/or other international databases

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

## Contributions to conferences

1. 35<sup>th</sup> Romanian Chemistry Conference, Octombrie 2-5, 2018, Ciulata, România
2. 4<sup>th</sup> 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. 7<sup>th</sup> International Symposium on Research and Education in an Innovation Era, Mai 17-20, 2018, Arad, România
5. 6<sup>th</sup> 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, Bra ov, Romania, Septembrie, 3-5, 2015
7. 5<sup>th</sup> 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 Brasov, Romania, July 24-26, 2014
9. Development of Novel Nanotechnology Based Diagnostic Systems for Rheumatoid Arthritis and Osteoarthritis (NanoDiaRA), Noiembrie 2013, Lisabona, Portugalia
10. 4<sup>th</sup> 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. 3<sup>rd</sup> 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, Timi oara, România
16. *Conference on Condensed Matter Physiscs*, Iulie 16-18, 2008, Timi oara, 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. 1<sup>st</sup> 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 i perspective în biotehnologiile alimentare, 15.17 Noiembrie, 2007, Suceava, România
22. Prospects for the 3<sup>rd</sup> Millenium Agriculture, 4-6 Octombrie, 2007, Cluj Napoca, România
23. EcoMediu, 21-23 Noiembrie, 2007, Arad, România



24. The 7<sup>th</sup> Workshop on Biosensors and Bioanalytical  $\mu$ -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. 13<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering, Septembrie 16-20, 2003, Bucure ti, România
31. 11<sup>th</sup> Physical Chemistry Conference with International Participation, ROMPHYSchem 11, Septembrie 2-5, 2003, Timi oara, Romania
32. The XVII<sup>th</sup> 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. Research projects

##### *A. Projects coordinator:*

##### **International:**

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)

##### **National:**

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. Member in the projects research team:**

**International projects**

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 Mureșului*”
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*”

**National projects**

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 liberene-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 polioxometalici (POM) cu activitate catalitică oxidativă pentru aplicații de vârf. ACRONIM: POMALB”
12. 2006 - Întocmirea unui studiu de fezabilitate în vederea soluționării neutralizării gropii de gunoier din localitatea Arad”

15.01.2019

Munteanu Florentina-Daniela

