



Europass Curriculum Vitae

Informatii personale

Prenume / Nume

Valeria HARABAGIU

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Nationalitate

Romana

Data de nastere

18.06.1950

Sex

F

Experienta

Date

1974 - 1977

Occupatie sau pozitie detinuta

Inginer stagiar

Activitati principale si responsabilitati

1. Instalarea si punerea in functiune a echipamentului de impregnare cord textil pentru anvelope;
2. Prelucrare fibre artificiale si sintetice

Numele institutiei angajatoare

1. Intreprinderea de Anvelope "Victoria", Floresti-Prahova; 2. Intreprinderea de Matase "Victoria", Iasi

Sector de activitate

Industrie

Date

1977 – prezent

Activitati principale si responsabilitati

Inginer (1977-1979); cercetator stiintific (1979-1990), cercetator stiintific grade III, II, I (1990, 1997, 2001 - prezent), sef laborator (2001-2013) / secretar stiintific al institutului (din 2001)

Numele institutiei angajatoare

Institutul de Chimie Macromoleculara "Petru Poni", Iasi

Sector de activitate

Cercetare

Activitati principale si responsabilitati

Cercetare, educatie (conducator de doctorat din 2009; tutore postdoc: 2010-2015), management

Educatie si formare

Date

Octombrie 1985 - Aprilie 1992

Diploma obtinuta

Doctor inginer

Subiecte principale/Competente

Initiatori de polimerizare radicalica multifunctionali; chimie organica si macromoleculara; fizico-chimia polimerilor

Numele si tipul organizatiei care a acordat diploma

Universitatea Tehnica "Gh. Asachi", Iasi

Nivelul in clasificarea nationala sau internationala

Date

1969 – 1974

Diploma obtinuta

Inginer diplomat, Chimia si Tehnologia Polimerilor

Subiecte principale/Competente

Chimie anorganica, chimie organica, chimie macromoleculara, chimie analitica, chimie fizica, fizica, matematica, mecanica, fizico-chimia polimerilor, fenomene de transfer, echipamente si tehnologii specifice industriei chimice, desen tehnic etc.

Numele si tipul organizatiei care a acordat diploma

Institutul Politehnic "Gheorghe Asachi", Iasi

Nivelul in clasificarea nationala sau internationala

Abilitati si competente personale

Limba materna **Romana**

Alte limbi

Auto-apreciere

Nivel european (*)

Engleza

Franceza

Intelegere				Vorbire				Scriere	
Ascultare		Citire		Conversatie		Prezentare			
C1	Skilled User	C1	Skilled User	C1	Skilled User	C1	Skilled User	C1	Skilled User
C2	Skilled User	C2	Skilled User	C2	Skilled User	C2	Skilled User	C1	Skilled User

(*) [Common European Framework of Reference for Languages](#)

Abilitati si competente sociale

Team Spirit de echipa demonstrate prin activitati in diverse medii nationale si internationale (working in Abilitati de comunicare pentru public cu diferite grade de dezvoltare educationala

Abilitati si competente organizationale

Competente manageriale la nivel de proiect si institutional
Organizator de evenimente stiintifice nationale/internationale, scoli de vara, zile ale usilor deschise

Abilitati si competente tehnice

Productie de monomeri silanici si polimeri siloxanici la scara laborator, pilot, industrial

Abilitati si competente de calculator

Utilizator - nivel mediu

Abilitati si competente artistice

Alte abilitati si competente

Licenta auto categoria B

Informatii aditionale

- Membru al Comitetului de Conducere al Societatii de Chimie din Romania
- Membru al Academiei Europene de Stiinte si Arte
- Membru comisia de chimie - CNATDCU
- Peste 160 articole cotate ISI, carti si capitole de carti
- Peste 25 de conferinte invitate in tara si strainatate
- Cooperare: Centre of Polymer Chemistry, Zabrze, Poland (1996-to date); Ecole Nationale Supérieure des Mines de Paris, CEMEF Sophia Antipolis, France (1994-to date); Univ. d'Evry Val d'Essonne, Evry, France (1998-to date); Istanbul Technical University, Turkey (1994-2002); Institute of Macromolecular Compounds, St. Petersburg, Russia (1996-to date)
- Organizator si co-organizator de diferite evenimente stiintifice nationale si internationale (ex., EPNOE International Polysaccharide Conference: Warsaw, Poland, 2015; Nice, France, 2013; Wageningen, Holland, 2011 Turku, Finland, 2009)
- Coordonator a 5 contracte industriale
- Coordonator sau responsabil roman pentru proiecte internationale (FP 3, FP 5, FP 6 and FP 7, COST) (v. lista anexata)
- Coordonator de proiecte nationale (v. lista anexata)
- Evaluator proiecte internationale [SONATA Program - National Science Centre (Poland' 2015); FP7-INFRASTRUCTURE-2010-1 (European Commission; 2010)], de fonduri structurale (2015) si nationale (2016)
- Premiul "N. Teclu" al Academiei Romane (1994)
- Medalia "Gheorghe Spacu" a Societatii de Chimie din Romania (2009)

Annexes

Lista selectionata lucrari ISI
Lista proiectelor

Septembrie 2016

ISI papers (2010-2016)

1. Pullulan: a versatile coating agent for superparamagnetic iron oxide nanoparticles; S.Coseri, A. Spatareanu, L. Sacarescu, V. Socoliuc, I.S. Stratulat, V. Harabagiu; *J. Appl. Polym. Sci.* **133**(5), 42926-42 (2016)
2. Green synthesis of the silver nanoparticles mediated by pullulan and 6-carboxypullulan; S. Coseri, A. Spatareanu, L. Sacarescu, C. Rimbu, D. Suteu, S. Spirk, V. Harabagiu; *Carbohydr. Polym.* **116**, 9-17 (2015)
3. Effect of concentration on the properties of heat- and pH-sensitive copolymers of Ppoly(N-isopropylacrylamide) with maleic acid in aqueous solutions; M.A. SimonovaE.B. Tarabukina, A.P. Filippov, G.Fundueanu, V. Harabagiu, M. Constantin, I. Popescu; *Fibre Chem.* **47**(3), 152-155 (2015)
4. Nanotechnology approaches for pain therapy through transdermal drug delivery; C. Peptu, R. Rotaru, L. Ignat, A.C. Humelnicu, V. Harabagiu, C.A. Peptu, M.-M. Leon, F. Mitu, E. Cojocar, A. Boca, B.I. Tamba; *Curr. Pharm. Design* **21**, 6125-6139 (2015)
5. PNiPAM-functionalized mesoporous carbon for the absorption of Vitamin B2; M. Ignat, M.E. Fortuna, L. Sacarescu, M.F. Zaltariov, V. Harabagiu; *Env. Eng. Manag. J.* **14**(3), 607-613 (2015)
6. The influence of polysilane chemical structure on optical properties, rubbed film morphology and LC alignment; M. Soroceanu, A.I. Barzic, I. Stoica, L. Sacarescu, V. Harabagiu; *Express Polym. Lett.* **9**(5), 456-468 (2015)
7. Organic-inorganic hybrid nanomaterials based on inorganic oxides and a mesomorphic polyazomethine; E. Perju, L. Ghimpu, G. Hitruc, V. Harabagiu, M. Bruma, L. Marin; *High Perform. Polym.* **27**(5) 546-554 (2015)
8. Magnetic properties of nanosized Gd doped Ni-Mn-CR ferrites prepared using the sol-gel autocombustion technique; P. Samoila, L. Sacarescu, A.I. Borhan, D. Timpu, M. Grigoras, N. Lupu, M. Zaltariov, V. Harabagiu; *J. Magnet. Mater.* **378**, 92-97 (2015)
9. Nanosized Spinel Ferrites Synthesized by Sol-Gel Autocombustion for Optimized Removal of Azo Dye from Aqueous Solution; P. Samoila, C. Cojocar, I. Cretescu, C.D. Stan, V. Nica, L. Sacarescu, V. Harabagiu; *J. Nanomater.* 1-13 (2015)
10. In vitro biocompatibility of HPC - modified polyurethane membranes; M. Butnaru, D.C. Dimitriu, O. Bredetean, D. Macocinschi, V. Harabagiu; *Materiale Plastice* **52**(3), 290-294 (2015)
11. Computational study of the electronic absorption spectra of polyhydrosilanes; L. Sacarescu, M. Fortuna, M. Soroceanu, C. Cojocar, G. Sacarescu, M. Simionescu, V. Harabagiu; *Silicon* **7** 343-349 (2015)
12. Synthesis and Investigation of Double Stimuli-Responsive Behavior of Nisopropylacrylamide and Maleic Acid Copolymer in Solutions; A. Filippov, E. Tarabukina, M. Simonova, T. Kirila, G. Fundueanu, V. Harabagiu, M. Constantin, I. Popescu; *J. Macromol Sci. Part B: Phys.* **54** (9), 1105-1121 (2015)
13. The effect of permethylated cyclodextrins encapsulation on the photophysical properties of a polyfluorene with randomly distributed electron-donor and rotaxane electron-acceptor units; A. Farcas, A.-M. Resmerita, P.-H. Aubert, I. Stoica, F. Farcas, A. Airinei; *Beilstein J. Org. Chem.* **10**, 2145-2156 (2014)
14. Synthesis, characterization and solution behaviour of oxidized pullulan; A. Spatareanu, M. Bercea, T. Budtova, V. Harabagiu, L. Sacarescu, S. Coseri; *Carbohydr. Polym.* **111**, 63-71 (2014)
15. Modification of β -cyclodextrin through solution ring-opening oligomerization of β -butyrolactone; C. Peptu, I. Kwiecien, V. Harabagiu, B. C. Simionescu, M. Kowalczyk; *Cell. Chem. Technol.* **48**, 1-10 (2014)
16. Electrooptical properties of aromatic oligoazomethine/permethylated β -cyclodextrin main-chain polyrotaxanes; A. Stefanache, M. Balan, V. Harabagiu, P. H. Aubert, P. Guegan, A. Farcas; *Chem. Phys. Lett.* **599**, 104-109 (2014)
17. Poly(N-isopropylacrylamide-co-methacrylic acid) pH/thermo-responsive porous hydrogels as self-regulating drug delivery system; M. Constantin, S. Bucatariu, V. Harabagiu, I. Popescu, P. Ascenzi, G. Fundueanu; *Eur. J. Pharm. Sci.* **62**, 86-95 (2014)
18. Poly[2,7-(9,9-dioctylfluorene)-alt-(5,5'-bithiophene/permethylated β -cyclodextrin)] main chain polyrotaxane: Synthesis, characterization and surface morphology; A. Stefanache, M. Sillion, I. Stoica, A. Fifere, V. Harabagiu, A. Farcas; *Eur. Polym. J.* **50**, 223-234 (2014)
19. Do cyclodextrins bound to dextran microspheres act as sustained delivery systems of drugs?; M. Constantin, S. Bucatariu, V. Harabagiu, P. Ascenzi, G. Fundueanu; *Int. J. Pharm.* **469**, 1-9 (2014)
20. Morphological investigation of poly[methyl(H)silane-co-diphenylsilane] irradiated by XeCl excimer laser; M. Soroceanu, L. Sacarescu, E. G. Hitruc, C. Ursu, V. Harabagiu; *Int. J. Polym. Anal. Charact.* **19**, 482-488 (2014)
21. Carbohydrate based nanoparticles for drug delivery across biological barriers; C.A. Peptu, L. Ochiuz, L. Alupei, C. Peptu, M. Popa; *J. Biomed. Nanotech.* **10**, 2107-2148 (2014)
22. TiO₂-coated mesoporous carbon: Conventional vs. microwave-annealing process; C. Coromelci-Pastravanu, M. Ignat, E. Popovici, V. Harabagiu; *J. Hazardous Mater.* **278**, 382-390 (2014)
23. Nanocomposites based on aromatic polyamide-imide and magnesium hydrosilicate nanotubes; G. Gubanov, S. Kononova, S. Bronnikov, K. Romashkova, T. Sukhanova, E. Korytkova, D. Timpu, M. Cristea, V. Harabagiu; *J. Macromol. Sci., Part B: Phys.* **53**, 555-567 (2014)
24. Surface modifications of aromatic polyimides by RF-oxygen plasma and pulsed electrical discharges in water; C. Miron, I. Sava, M. Aflori, L. Ursu, I. Jecu, C. Porosnicu, C.P. Lungu, L. Sacarescu, V. Harabagiu; *JOAM* **16**, 1206-1211 (2014)

25. Synthesis and characterization of thermosensitive poly(N-isopropylacrylamide-co-hydroxyethylacrylamide) microgels as potential carriers for drug delivery; S. Bucatariu, G. Fundueanu, I. Prisacaru, M. Balan, I. Stoica, V. Harabagiu, M. Constantin; *J. Polym. Res.* **21**, Article number: 580 (2014)
26. Effect of permethylated β -cyclodextrin on the photophysical properties of poly[2,7-(9,9-dioctylfluorene)-alt-[5,5'-bithiophene)] main chain polyrotaxanes; A. Farcas, G. Tregnago, A. M. Resmerita, S. T. Dehkordi, S. Cantin, F. Goubard, P. H. Aubert, F. Cacialli; *J. Polym. Sci.: Part A: Polym. Chem.* **52**, 460-471 (2014)
27. Chemical investigation on various aromatic compounds polymerization in low pressure helium plasma; M. Asandulesa, I. Topala, Y. M. Legrand, S. Roualdes, V. Rouessac, V. Harabagiu; *Plasma Chem. Plasma Proc.* **34**, 1219-1232 (2014)
28. Pulsed electrical discharges in silicone emulsion; C. Miron, M. Balan, L. Pricop, V. Harabagiu, I. Jepu, C. Porosnicu, C. P. Lungu; *Plasma Proc. Polym.* **11**, 214-221 (2014)
29. Comparison study of TEMPO and phthalimide-N-oxyl (PINO) radicals on oxidation efficiency toward cellulose; G. Biliuta, L. Fras, M. Drobota, Z. Persin, TKreze, K. Stana-Kleinschek, V. Ribitsch, V. Harabagiu, S. Coseri; *Carbohydr. Polym.* **91**, 502-507 (2013)
30. Removal of anionic dyes from aqueous solutions by an ion-exchanger based on pullulan microspheres; M. Constantin, I. Asmarandei, V. Harabagiu, L. Ghimici, P. Ascenzi, G. Fundueanu; *Carbohydr. Polym.* **91**, 74-84 (2013)
31. Molecular structure and electronic properties of pyridylindolizine derivative containing phenyl and phenacyl groups: Comparison between semi-empirical calculations and experimental studies; C. Cojocaru, A. Rotaru, V. Harabagiu, L. Sacarescu; *J. Molec. Struct.* **1034**, 162-172 (2013)
32. Surface-enhanced fluorescence of *in situ* synthesized polysilane-silver nanoparticles; G. Sacarescu, E. Taran, B.C. Donose, M. Simionescu, V. Harabagiu, L. Sacarescu; *Polym. Int.* **61**, 1726-1732 (2012)
33. Synthesis and characterization of low-molecularweight π -conjugated polymers covered by persilylated β -cyclodextrin; a. Farcas, A. Resmerita, A.M. Stefanache, A. Balan, V. Harabagiu; *Beilstein J. Org. Chem.* **8**, 1505-1514 (2012)
34. Prediction of the appropriate size of drug molecules that could be released by a pulsatile mechanism from pH/thermo-responsive microspheres obtained from preformed polymers; G. Fundueanu, M. Constantin, I. Oanea, V. Harabagiu, P. Ascenzi, B.C. Simionescu; *Acta Biomaterialia* **8**(3), 1281-1289 (2012)
35. Microwave-assisted Wurtz coupling of methylphenyldichlorosilane in solvent-free conditions; G. Sacarescu, M. Simionescu, V. Harabagiu, L. Sacarescu; *E-Polymers Article Number: 013, Published: JAN 22 2012, Accession Number: WOS:000299544900003*
36. Molecular Level Differentiation Between End-Capped and Intramolecular Azofunctional Oligo(ϵ -caprolactone) Positional Isomers Through Liquid Chromatography Multistage Mass Spectrometry; C. Peptu, O.F. van den Brink, V. Harabagiu, B.C. Simionescu, M. Kowalczyk, J. Silberring; *J. Polym. Sci.: Part A: Polym. Chem.* **50** (12), 2421-2431 (2012)
37. Biological performance of polyurethane membranes for implantable devices; M. Butnaru, O. Bredetean, L. Knieling, D. Macocinschi, S. Vlad, D. Filip, X. Patras, V. Harabagiu; *2011 E-Health and Bioengineering Conference, EHB 2011*, art. no. 6150398
38. Surface roughness, albumin adsorption and thrombogenicity of cellulose-blended polyurethane membranes; M. Butnaru, D. Macocinschi, I. Stoica, C.D. Dimitriu, L. Andreea, S. Vlad, D. Filip, V. Harabagiu; *2011 E-Health and Bioengineering Conference, EHB 2011*, art. no. 6150399
39. Studies on graft copolymerization of 3-acrylamidopropyl trimethylammonium chloride on pullulan; M. Constantin, I. Mihalcea, I. Oanea, V. Harabagiu, G. Fundueanu; *Carbohydr. Polym.* **84**, 926-932 (2011)
40. Surface properties of conjugated main-chain polyrotaxanes; A. Farcas, I. Stoica, A. Stefanache, C. Peptu, F. Farcas, N. Marangoci, L. Sacarescu, V. Harabagiu, P. Guegan; *Chem. Phys. Lett.* **508**, 111-116 (2011)
41. XPS study of the ion-exchange capacity of the native and surface oxidized viscose fibers; M. Dobromir, G. Biliuta, D. Luca, M. Aflori, V. Harabagiu, S. Coseri; *Coll. Surf. A: Physicochem. Eng. Aspects* **381**, 106-110 (2011)
42. Mild oxidation of cellulose fibers using dioxigen as ultimate oxidizing agent; G. Biliuta, L. Fras, V. Harabagiu, S. Coseri; *Digest J. Nanomater. Biostruct.* **6**, 291-297 (2011)
43. Semi-empirical PM3 study on complexation of β -cyclodextrin with 5-flucytosine; A. Fifere, M. Spulber, N. Marangoci, N. Fifere, M. Pinteala, V. Harabagiu, B.C. Simionescu; *Cell. Chem. Technol.* **45**, 149-156 (2011)
44. DNA complexation by cationic pullulan possessing thermo-sensitive units; M. Constantin, I. Oanea, V. Harabagiu, P. Ascenzi, G. Fundueanu; *Digest J. Nanomater. Biostruct.* **6**, 849-861 (2011)
45. Comparison of the mechanical properties of cellulose and starch films; S. Sun, J. Mitchell, John, B. MacNaughtan, T. Foster, V. Harabagiu, Y. Song, Q. Zheng; *Biomacromolecules* **11**(1), 126-132 (2010)
46. Oxidation of cellulose fibers mediated by non persistent nitroxyl radicals; G. Biliuta, L. Fras, S. Strnad, V. Harabagiu, S. Coseri; *J. Polym. Sci.: Part A: Polym. Chem.* **48**(21), 4790-4799 (2010)
47. Entrapment and release of drugs by a strict "on-off" mechanism in pullulan microspheres with pendant thermosensitive groups; Gh. Fundueanu, M. Constantin, I. Oanea, V. Harabagiu, P. Ascenzi, B.C. Simionescu; *Biomaterials* **31**, 9544-9553 (2010)
48. Mass spectrometry characterization of 3-OH butyrate β -cyclodextrin; C. Peptu, A. Nicolescu, C.A. Peptu, V. Harabagiu, B.C. Simionescu, M. Kowalczyk; *J. Polym. Sci.: Part A: Polym. Chem.* **48**, 5581-5592 (2010)
49. Structure, morphology, and thermal properties of polyrotaxanes based on calix[6]arene and modified polydimethylsiloxane; M.P. Sokolova, S.V. Bronnikov, T.E. Sukhanova, A.I. Grigor'ev, A.Y. Volkov, G.N. Gubanova, A.A. Kutin, A. Farcas, A. M. Pinteala, V. Harabagiu, B.C. Simionescu; *Russ. J. Appl. Chem.* **83**, 109-114 (2010)
50. Synthesis and micellization of polydimethylsiloxane-carboxy-terminated poly(ethylene oxide) graft copolymer in aqueous and organic media and its application for the synthesis of core-shell magnetite particles; L. Pricop, A.

Book chapters

1. Surface-initiated polymerization for nanocoatings; V. Harabagiu, L. Sacarescu, A. Farcas, M. Pinteala, M. Butnaru; *Nanocoatings and Ultrathin Films*; Eds. A.S.H Makhoulouf, I. Tiginyanu, Woodhead Publishing, Oxford, Cambridge, Philadelphia, New Delhi, ISBN: 978-1-84569-812-6, Chapter 4, p. 78-112 (2011)

List of projects

National projects

Programul/Proiectul	Funcția	Perioada
Proiecte PNII-Program Parteneriate		
1. Contract PNII-PT-PCCA-2013 59 /2014: <i>Monitorizarea integritatii structurale si autorepararea palelor de turbine eoliene si a altor structuri di composite inteligente</i>	responsabil partener	2014-2016
2. Contract nr. PNII-PT-PCCA-2013-276/20114; <i>proiect Formulari complexe pe baza de lipozomi si ciclodextrina pentru terapia transdermala a durerii</i> Parteneri: Universitatea Tehnica „Gh. Asachi”, Iasi Universitatea de Medicina si Farmacie „Gr. T. Popa”, Iasi A&B. srl	director proiect	2014-2016
Granturi CNCSIS		
3. Grant 64/2006: <i>Nanomateriale, interactiuni supramoleculare in sisteme polimerice si hibridi organici-anorganici : aspecte fundamentale, mecanisme, metode</i>	director proiect	2006-2008
Program CEE MATNANTECH		
4. Proiect 40(510)/2005: <i>Retea stiintifica integrata pentru dezvoltarea de materiale polimere multifunctionale bazate pe cunoastere</i> Parteneri: Universitatea Tehnica „Gh. Asachi”, Iasi Institutul de Chimie Fizica „I.G. Murgulescu”, Bucuresti ICECHIM, Bucuresti ICPE-CA, Bucuresti Universitatea de Stiinte Agronomice si Medicina Veterinara „Ion Ionescu de la Brad”, Iasi Universitatea de Medicina si Farmacie, Iasi	director proiect	2005-2008
Program MATNANTECH		
5. <i>Structuri supramoleculare rotaxanice: sinteza, spectroscopie RMN, aplicatii biomedicale si in microelectronica</i>	director proiect	2003-2005
Program CERES		
6. <i>Noi retele macromoleculare interpenetrante: procese, mecanisme, proprietati, aplicatii</i>	director proiect	2001-2004
Program ORIZONT:		
7. <i>Polisiloxani - componente pentru proiectarea materialelor cu proprietati si utilizari speciale</i>	director proiect	2000-2002
Granturi MEC/Academia Româna		
8. <i>Reactii chimice cu transfer de electroni in sinteza polimerilor</i>	responsabil stiintific	1996-1998
9. <i>Reactii de aditie 1,3-dipolarofile si de polimerizare a heterociclorilor</i>	colaborator	1997-2000
10. <i>Arhitecturi macromoleculare complexe pe baza de ciclodextrine modificate</i>	responsabil stiintific	1999-2001
11. <i>Copolimeri siloxanici cu proprietati membranare</i>	colaborator	2001-2002

International projects

Program/Project	Function	Period
Proiecte Comisia Europeana		
1. Contract FP7-REGPOT-2010-264115 – <i>STREAM: Strengthening the Romanian research capacity in multifunctional polymeric materials</i>	Project coordinator	2011-2014
2. Contract FP7-PEOPLE-2007-216011 – <i>MINILUBES: Mechanisms of interactions in nano-scale of novel ionic lubricants with functional surfaces</i>	Team member	2008-2010
3. Contract INCO-CT-2005-017142 – <i>RAINS: Romanian action for integrating, networking and strengthening the ERA. „Petru Poni” Institute of Macromolecular Chemistry</i>	Project manager	2005- 2008
4. Contract NMP3-CT-2005-500375 – <i>POLYSACCHARIDES: The European polysaccharide network</i>	Dissemination manager	2005-2009
5. Contract no. NMP2-CT-2005-515762 – <i>I-STONE: Re-engineering of natural stone production chain through knowledge based processes, eco-innovation and new organisational paradigms</i>	Scientific responsible	2005-2008
6. Contract GTC1-2002-73018 - <i>ERIC: Virtual institute for composites</i>	Scientific responsible	2003-2005
7. Contract CRAFT G5ST-CT-2002-50293 – <i>BlockSave: A novel methodology for the safe handling and consolidation of dimensional stone blocks using a cost-effective vacuum-based technology and high penetrating resin formulation</i>	Scientific responsible	2003-2005
8. Contract Growth G1RD-CT-1999-00130 - <i>SPONGE: New environmentally friendly technology for cellulose three dimensional objects</i>	Scientific responsible	2000-2003
9. Contract PECO: <i>Constitutive rheological equation for polymers in processing conditions</i>	Team member	1994-1997
Proiecte COST		
10. COST Action CM 1302: <i>European network on smart inorganic polymers (SIPs)</i>	Manager national	2013-2017
11. COST Action MC 537: <i>Core Laboratories for the improvement of medical devices in clinical practice from the analysis of implanted prostheses</i>	Manager national	2004-2008