

CURRICULUM VITAE



CATALIN ZAHARIA

1. Date and place of birth: 27.09.1978, Buzau, Romania

2. Studies:

- 2006 – PhD (engineering sciences – *chemical engineering*) – Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Science and Engineering of Polymers
- 2006 – PhD (cell biology) – University of Angers, Faculty of Medicine, France (<http://www.univ-angers.fr/actualite.asp?ID=571&langue=1>)
- 2002 – Diplome engineer (Chemical Engineering) – Politehnica University of Bucharest, Faculty of Engineering in Foreign Languages, English stream, Chemical Division
- 1997 – Bacalaureate, “B.P. Hasdeu” National College, Buzau

3. Positions/Working places

- 2008 – present – Lecturer (Assistant Professor) – Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Science and Engineering of Polymers
- 2005 - 2008 – Assistant lecturer - Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Science and Engineering of Polymers
- 2002 – 2005 – PhD student (scholarship) - Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Science and Engineering of Polymers

- 2002 – 2004 – Associated didactic activity, Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Science and Engineering of Polymers

4. Professional activity:

- Fields of research interest: biomaterials – synthetic polymers, natural polymers (proteins, polysaccharides, polyesters), hydrogels, polymers and carbon nanotubes, mineralization, biomimetism, iodine-based polymers, bone cements
- 22 published papers in ISI-rated journals, 4 books published, 36 presentations at international scientific meetings (lecture/poster), 14 publications in the volumes of international scientific conferences, member in national/international research projects

5. Specialisation:

- 2010 – Postdoctoral Research Fellow - Postdoctoral programme for advanced research in nanomaterials field, NANOMAT - ID 54785, POSDRU/89/1.5/S/54785, Politehnica University of Bucharest
- 2008 - Socrates Teaching Staff Mobility, University of Patras, Greece (19-30 May 2008)
- 2004 – Doctoral research stage for 6 months - University of Angers, Faculty of Medicine, France
- 2004 – Training course for European FP6 projects – Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science
- 2003 – Training course for e-learning system implementation (Authorware) - Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science

6. Course leader: Bipolymers and Biocomposites, Industrial Polymeric Materials, Polymer Processing (English stream)

7. Others:

- Reviewer for international journals: Journal of Applied Polymer Science, Journal of Chemical Technology and Biotechnology, Materials Science and Engineering C, Acta Biomaterialia
- Member of the European Society for Biomaterials (ESB, 2007)
- Member of the Romanian Society for Biomaterials (SRB, 2002)
- Member of the Chemical Romanian Society (SchR, 2007)

- Member of the Board of TSOCM Department, Faculty of Applied Chemistry and Materials Science, Politehnica University of Bucharest (2008)
- Member of the Organizing Committee of the International Conference on Chemistry and Chemical Engineering RICCCE 15 and 16, Sinaia, Romania (2007, 2009)
- Expert for the evaluation of the National Research Projects within the PN2 Framework.