

Curriculum Vitae of Dr. Podașcă Viorica-Elena



Personal information:

Date/place of birth: 11.06.1985/ Tecuci - Galati, ROMANIA

Nationality: Romanian; Gender/Status: Female/Single

Profile address on www.brainmap.ro : **BrainMap ID:** U-1700-037M-0911;

www.researchgate.net : https://www.researchgate.net/profile/Viorica_Podasca

Occupational field:

- » Synthesis and characterization of monomers, (co)polymers and hybrid composite suitable for photo (bio) applications, synthesis of particles and doping methods
- » Synthesis of hybrid polymer composites incorporating zinc oxide (premade), and silver nanoparticles generated through an *in situ* method
- » Preparation of hybrid polymeric materials that can be exploited in catalysis applications (wastewater purification) or coatings

Education and training:

- 2010 – 2014** **PhD in Chemistry**, PhD thesis title: “Fluorescent polyacrylates for sensor applications, synthesis, structure, properties”, Romanian Academy, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, PhD Coordinator: Dr. Emil Buruiana (https://www.researchgate.net/profile/Viorica_Podasca/publications)
- 2008 – 2010** **Master Degree**, “Chemistry and biochemistry of heterocyclic compounds”, “Al. I. Cuza” University, Faculty of Chemistry, Iasi, Romania
- 2004 – 2008** **Bachelor Degree**, "Department Chemistry and Physics", "Al. I. Cuza" University, Faculty of Chemistry, Iasi, Romania

Current Position:

Research assistant, Romanian Academy, "Petru Poni" Institute of Macromolecular Chemistry

Work experience:

2010 - present	Young Researcher , Polyaddition and Photochemistry Department, "Petru Poni" Institute of Macromolecular Chemistry, Iasi
2011 - 2016	Team member , PN-II-ID-PCE-2011-3-0164 project, " <i>Conception and achievement of hybrid nanocomposites based on novel polymer structures for biomedical and optical applications in nanotechnology</i> "
2012 – 2016	Team member , PN-II-PT-PCCA-2011-3.2-1419 project, " <i>Novel advanced smart biomaterials of giomer type with applications in dentistry</i> "
2018 - 2020	Team leader , PN-III-P1-1.1-PD-2016-1718 project, " <i>Hybrid composites based on doped ZnO micro-/nanoparticles for enhanced UV and visible light photocatalysis</i> "
2018 - 2020	Team member , PN-III-P1-1.1-TE-2016-1390 project " <i>Design and preparation under mild "green" conditions of uv-cured polymer-metal/metal oxide nanoparticles hybrid coatings with predictable antimicrobial or sealing features</i> "

Scientific contribution:

- **13** scientific referred articles published in journals ranked by ISI Web of Science
- **1** paper published in proceedings
- **14** oral presentations
- **17** posters

Scientific visibility:

- **H-index: 5** (according to ISI Web of Science, cumulative, 2020), **5** (according to SCOPUS, 2020)
- **Sum of the times cited** without self-citation: **40** (according to ISI Web of Science, 2020)