

CURRICULUM VITAE



Dr. Ana-Maria Resmeriță

E-mail: resmerita.ana@icmpp.ro, resmerita_anamaria@yahoo.com

Current Position: Scientific researcher III, Romanian Academy, “Petru Poni” Institute of Macromolecular Chemistry

Scientific interest:

- supramolecular networks based on polyrotaxanes for electronics and optoelectronics
- synthesis of insulated and conjugated polyrotaxanes architectures

Education and Training:

- 2009-2010: Post-doctoral Fellow, University of Pennsylvania, Department of Chemistry, Philadelphia (PA), USA
- May-September 2009: Research assistant, “Gh. Asachi” Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania
- December 2008-April 2009: Post-doctoral Fellow, “Gh. Asachi” Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania
- 2005-2008: PhD in Chemistry - “Gh. Asachi” Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania
- 2005-2006: Master degree in Bio-polymeric Materials - “Gh. Asachi” Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania
- 2000-2005: Bachelor degree in Polymer Chemistry - Technology of Macromolecular Compounds, “Gh. Asachi” Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania

Work experience:

- synthesis of insulated/ conjugated polyrotaxanes
- synthesis of permethylated cyclodextrins, calix[n]arene and cucurbit[n]urils.
- synthesis and functionalization of light-stimuli responsive azopolymers for optoelectronic applications.
- characterization methods: infrared spectroscopy, proton and carbon nuclear magnetic resonance, thermogravimetric analysis, differential scanning calorimetry, surface tension measurements, circular dichroism.

Scientific record:

- 34 published articles in ISI journals, total impact factor: 139.761
- 3 book chapters
- 6 projects as group member

International visibility:

- Hirsch index = 12 (according to SCOPUS and ISI Web of Science databases)
- Citations >1500 (without self citations according to ISI Web of Science databases)
- Brainmap code: U-1800-045M-9947
- ORCID ID: 0000-0002-0292-6267