

Personal information

Name
E-mail
Nationality

Ana-Lavinia Vasiliu (Matricala)
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Romanian



Current position (2014-present)

Research assistant at "Petru Poni" Institute of Macromolecular Chemistry, Iasi

Education and training

July 2021

Training on SEM applications
"Petru Poni" Institute of Macromolecular Chemistry

February 2020

SEM training
"Petru Poni" Institute of Macromolecular Chemistry

May 2017

Research Internship
Leibniz Institute of Polymer Research Dresden (IPF), Germany

September 2016

Research Internship
Leibniz Institute of Polymer Research Dresden (IPF), Germany

2016-present

PhD Student
"Petru Poni" Institute of Macromolecular Chemistry

2014-2016

Masters Degree in Polymeric Biomaterials and Bioresources
"Gh. Asachi" Technical University of Iasi, Romania, Faculty of Chemical Engineering and Environment Protection

2010-2014

Bachelor Degree in Medical Bioengineering
"G.T. Popa" University of Medicine and Pharmaceutics, Faculty of Bioengineering, Iasi, Romania

Scientific activity (2014-present)

Investigating the morphology, topography and structure of different materials, as a SEM specialist (2014-present).
Synthesis and characterization of composite materials, based on CaCO₃ and natural/synthetic additives (2016-present).

Publications

- Co-author of 29 articles, 4 proceedings, 14 presentations at international/national conferences, 8 posters.

- Member in 5 national research projects: (1) *Hollow microcapsules based on calcium carbonate and pH-sensitive polymers as advanced drug delivery systems*, PN-II-RU-TE- 2014-4-1433; Marcela Mihai; 2015-2017; (2) *Quartz sand/polyelectrolyte composite microparticles with high loading/release of some inorganic/organic compounds from polluted waters*, PN-III-P2-2.1-PED-2019-1996, Florin BUCATARIU, Nov 2020 - Feb 2021; (3) *Innovative Electrospun Membranes based on Phosphorus-containing Polymers for Protective Clothing*; PN-III-P1-1.1-TE-2019-0639; Diana Serbezeanu; 2020-2022; (4) *The behaviour of new multicomponent polymeric systems in simulated environmental conditions for flame retardant coating materials*; PN-III-P1-1.1-TE-2019-0604; Cristian-Dragos Varganici, 2020-2021; (5) *Zwitterionic porous microparticles containing zein and betaine moieties with antimicrobial activity and drug delivery capabilities*; PN-III-P4-ID-PCE-2020-1541; Marcela Mihai; 2021-2022