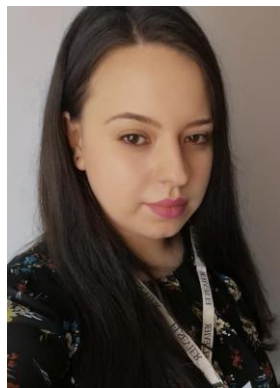


Elena PERJU



Born in Iasi, Romania on 10th January 1983

Nationality: Romanian

Civil status: unmarried

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Professional Address: “Petru Poni” Institute of Macromolecular Chemistry of Romania Academy; Aleea Grigore Ghica Voda, nr. 41A, 700487 Iasi, Romania

Languages: Romanian (mother tongue), English (excellent knowledge), French (basic knowledge)

Education

- 2002 – 2006** **Bachelor degree in Chemistry** (Series Y Nr. 0087892)
„Alexandru Ioan Cuza” University, Iasi, Romania; Faculty of Chemistry,
Specialization: Technological Biochemistry
Thesis supervisor: Prof. Dr. Maria Caproșu
Thesis title: “Amino acids”
- 2006 – 2008** **Master degree in Chemistry** (Series G Nr. 0144015)
„Alexandru Ioan Cuza” University, Iasi, Romania; Faculty of Chemistry,
Specialization: Chemistry and Biochemistry of Heterocyclic Compounds
Thesis supervisors: Prof. Dr. Ionel Mangalagiu and Associate Professor, CP. I,
Dr. Maria Bruma
Thesis title: “Functional calamitic mesogens with thermotropic liquid
crystalline behavior”
- 2007 – 2012** **PhD degree in Chemistry** (Series D Nr. 0000388)
“Petru Poni” Institute of Macromolecular Chemistry of Romania Academy;
Laboratory of Polycondensation and Thermostable Polymers
PhD supervisor: Associate Professor, CP. I, Dr. Maria Bruma
Thesis title: “New low molecular weight compounds and polymers with
azomethine groups having thermotropic liquid crystalline properties”

Current position

- 2007 –** **Research assistant** at “Petru Poni” Institute of Macromolecular Chemistry of
Romania Academy, Laboratory of Polycondensation and Thermostable
Polymers

Previous positions

- 2006 – 2007** **Research assistant** (part time), Faculty of Chemistry, „Alexandru Ioan Cuza” University, Iasi, Romania
- 2014 – 2015** **PostDoc**, Swiss Federal Laboratories for Materials Science and Technology (Empa), Laboratory for Functional Polymers, Switzerland, Supervisor: Dr. Dorina Maria Oprea
- 2018 – 2019** **Scientist**, Swiss Federal Laboratories for Materials Science and Technology (Empa), Laboratory for Functional Polymers, Switzerland

Participation in research projects

- 2010 – 2011** ANCS (Nr. 210/CPII/2010)
NANOPROSPECT – Nanotechnology in Romania: prospective study; team member
- 2011 – 2012** ANCS (Nr. 3S/2011)
ChemS.ro – Assessing the Romanian research potential in chemistry and the development of the national strategy for international cooperation; team member
- 2013 – 2014** ANCS & ASM (Nr. 687/2013)
Interpenetrating layers of semiconductor nanocomposites and polymeric materials for manufacture light emission diodes; team member
- 2014 – 2017** PN-II-PT-PCCA-2013-4-1861
Flexible white oled for lighting applications
- 2014 – 2015** SCIEX (Project code 13.233)
PolSil – Polar silicones for actuators; postdoc fellow
- 2017** International Short Visit funded by SNSF (Swiss National Science Foundation)
IZK0Z2_173526 (1.02.2017 – 30.04.2017)
- 2018 – 2020** PN-III-P1-1.2-PCCDI-2017-0917
Hybrid visible light communications and augmented reality platform for the development of smart driver assistance and vehicle active safety systems
- 2018 – 2020** PN-III-P1-1.2-PCCDI-2017-0569
Closing the bioeconomy value chains by manufacturing market demanded innovative bioproducts

Additional information - Scientific papers: 19

Book chapters: 2