

Curriculum Vitae

Dr. habil Mariana-Dana DAMACEANU (previous name IOSIP)

Personal information:

Place of birth: Siret - Suceava, ROMANIA

Nationality/Gender: Romanian/Female

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Scientific interest:

- » Aromatic and heterocyclic polymers-based materials for electronics and optoelectronics
- » Innovative materials based on heterocyclic polymers for biomedical applications
- » Smart materials with chromic response to various stimuli for high-tech technologies
- » Polymers for applications in biosensors, chemosensors, humidity sensors or VOC detection
- » Polymers for gas separation and CO₂ capture membranes with impact on environment and energy
- » Organic materials for alternative energies: white, blue light-emitting diodes and photovoltaic cells

Education and Training:

2016-present	PhD Coordinator with 3 enrolled PhD students
2016	Habilitation in Chemistry , habilitation certificate: OM 4831/11.08.2016
2010 – 2013	Post-doctoral Fellow in the frame of European Social Fund - „Cristofor I. Simionescu” Postdoctoral Fellowship Program
2003 – 2004	PhD Fellow within the FP5 European project "Research Training Network (RTN) - EUROFET", Bicocca University, Milan, Italy
2000 – 2005	PhD in Chemistry , PhD thesis title: "New polymers containing 1,3,4-oxadiazole rings for high-performance applications", Romanian Academy, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, PhD Coordinator: Dr. Maria Bruma
1999 – 2001	Master Degree in "Chemistry and biochemistry of heterocyclic compounds", "Al. I. Cuza" University, Faculty of Chemistry, Iasi, Romania
1995 – 1999	Bachelor Degree in Chemistry and Physics , "Al. I. Cuza" University, Faculty of Chemistry, Iasi, Romania

Current Position:

Scientific researcher II, Romanian Academy, "Petru Poni" Institute of Macromolecular Chemistry

Work experience:

2019-present	Group leader within the Polycondensation and Thermostable Polymers Department, "Petru Poni" Institute of Macromolecular Chemistry
2018-present	Mentor , <i>Hybrid composites based on doped ZnO micro-/nanoparticles for enhanced UV and visible light photocatalysis</i> , PN-III- PD project
2017-2019	Project Director , <i>Smart materials with versatile chromic response to external stimuli developed by macromolecular engineering</i> , PN-III – PCE project

2017-2018	Project Director , <i>Dye-sensitized solar cells by molecular engineering of phenoxazine or phenothiazine-based sensitizers</i> – PN-III-PED project
2014 - 2013	Contract manager , Framework Contract Services, POS-CCE-axis II CDI project, <i>Photovoltaic cell with hyperpolarizable organic chromophore</i> – Novocell
Aug-Sept 2013 Apr-Jun 2012 May 2011	Post-doc research stages , <i>Synthesis and characterization of semiconducting thiophene-based organic compounds with chromic properties</i> ", Institute of Thin Film and Microsensoric Technology, Teltow, Germany
2013 - 2010	Project Director , <i>Materials based on aromatic polymers with condensed rings for application in electronic and optoelectronic nanotechnologies</i> - research project for the stimulation of forming young independent research teams (PNII-TE)
May 2013 Oct-Nov 2001	Visiting researcher , <i>Heterocyclic polymers for high-performance applications</i> , Institute of Organo-Element Compounds, Moscow, Russia
Oct 2018, Oct 2017, Nov 2015, Nov 2012, Oct 2011, Sept 2010	Visiting researcher , <i>Heterocyclic polymers for optoelectronic and membrane applications</i> , Centre of Polymer and Carbon-based Materials, Zabrze, Poland
2008 - 2006	Project Director , <i>Synthesis and study of polymer materials with special properties (electroinsulating, semiconductor, liquid crystalline) for electronic and optoelectronic nanotechnologies</i> - excellence research project for young researchers (CEEX-ET)
Nov 2002 Dec 2000	PhD research stages , <i>Heterocyclic polymers for high-performance applications</i> , Central Chemical Research Center, Budapest, Hungary
2001 – 2002	Associated Professor Assistant , "Al. I. Cuza" University, Faculty of Chemistry, Organic Chemistry Department, Iasi, Romania

Scientific contribution:

- **84** scientific referred articles published in ISI journals (**81**) or BDI journals (**3**)
- **1** national (OSIM) patent application
- **29** papers published in the proceedings of scientific meetings (**10 ISI indexed**)
- **91** oral presentations (lectures or communications), from which 5 are invited lectures
- **2** books and **4** book chapters as co-author (**2** as first author)
- **director** of **5** research projects (**1** contract with a company) and **member** of other **16** projects
- international reviewer of more than **40** articles in prestigious ISI journals
- expert evaluator of **11** research projects in national (PNII - RU) or international competitions (Bulgaria, Chile)
- chair person in **6** national/international symposia, the organizer of **1** scientific workshop and member in the scientific advisory board of ANCON 2017

Scientific visibility:

- **H-index: 21** (according to ISI Web of Science, cumulative Damaceanu MD* or Iosip MD*)
- **Sum of the times cited: 1052** (according to ISI Web of Science, March 2020)

Awards:

- "Nicolae Teclu" Award of the Romanian Academy (2012)
- National Science and Art Foundation Award (2013)