

Augustin M. Mădălan, M.D., Ph.D.

University of Bucharest, Faculty of Chemistry,
Inorganic Chemistry Department,
Str. Dumbrava Rosie nr. 23, 020464 Bucharest, Romania
e-mail: augustin.madalan@chimie.unibuc.ro

Education

- University of Bucharest, Faculty of Chemistry, Ph.D. (2000 – 2004);
- “Fundeni” Clinical Institute, Bucharest – Resident Physician (2000 – 2004);
- University of Bucharest, Faculty of Chemistry, Inorganic Chemistry Department – B.Sc. Chemistry (1996 – 2000);
- „Carol Davila” Medicine and Pharmacy University, Bucharest, General Medicine Faculty – Medical-Doctor (1992 – 1998).

Research Activities

- 01.10.2013 – to date – associate professor at the *University of Bucharest, Faculty of Chemistry, Inorganic Chemistry Department*. Research topics: fluorescent materials based on xanthene or fluorene derivatives, metallo-supramolecular chemistry, crystal engineering, synthesis and characterization of multifunctional heterospin systems.
- 01.03.2008 – 30.09.2013 – assistant professor at the *University of Bucharest, Faculty of Chemistry, Inorganic Chemistry Department*.
- 01.03.2006 – 29.02.2008 – postdoc research stage (*Marie Curie Intraeuropean Fellowship – contract 023627: “Self-Assembly of Bio-Nanochips”*), at the *Institut de Science et d'Ingénierie Supramoléculaires, Strasbourg - ISIS* in **Prof. Jean-Marie Lehn**'s group. Research topic: the design, synthesis and investigation of chemical and physical properties of [2×2] grid-type complexes bearing biological residues.
- 01.04.2005 – 28.02.2006 – postdoc research stage at the *Université d'Angers, Laboratoire Chimie, Ingénierie Moléculaire et Matériaux d'Angers (CIMMA)* in **Dr. Narcis Avarvari**'s group - Electrosynthesis of conductive materials containing chiral TTF derivatives as organic cation-radicals.
- 15.04. – 15.09.2001 (fellowship from *Alexander von Humboldt Foundation*) and 18.04. – 31.12.2002 – research stages at the *Institut für Anorganische Chemie der Universität Göttingen* in **Prof. Herbert W. Roesky**'s group. Research topic: Synthesis and characterization of heterospin systems, coordination compounds containing different types of spin carriers: organic radicals (2p) and different paramagnetic metal ions (3d, 4f).
- 01.11.1999 – 18.06.2004 – Ph.D. thesis (entitled “*Mononuclear copper(II) complexes – precursors for supramolecular polymetallic systems*”) at the *Inorganic Chemistry Laboratory, Faculty of Chemistry, University of Bucharest* under **Prof. Marius Andruh**'s coordination.

Papers: 107 (H-index: 32)

Short book chapter

“*Three Are Better Than One: Gathering Three Different Metals in the Same Molecule: a Straightforward Route to 3d-3d'-4f Heterometal Systems*”, R. Gheorghe, **A. M. Madalan**, M. Andruh, în “*Experiments in Green and Sustainable Chemistry*”, editors: H.W. Roesky, D. Kennepohl, Wiley-VCH, **2009**.

- 5 invited talks, 4 poster presentations, 4 oral communications to international conferences;
- member of the Romanian Chemical Society;
- Coordinator of Exploratory Research Grant *PN-III-P4-ID-PCE-2016-0442* (financed by the Romanian National Research Council, 2017-2019);
- Coordinator of Young Research Team Grant *PN-II-RU-TE-2011-3-0252* (financed by the Romanian National Research Council, 2011-2014);
- Home mentor in a joint project Switzerland-Romania (Sciex-NMS project no. 13209);
- Beneficiary of *Marie Curie Intraeuropen Fellowship* – contract 023627 and *Marie Curie European Reintegration Grant* – contract 224845 (financed by the European Commission);
- Member in the research team of 2 international research grants financed by the European Commission or European Foundations and more than 15 Romanian research grants.

A w a r d s

- 2008 – *The Prize for Chemistry of the Romanian National Science and Art Foundation*;
- 2007 – „*Gheorghe Spacu*” *Prize of the Romanian Academy*;
- 1992 – *Bronze Medal – International Chemistry Olympiad - Pittsburgh, USA*;