

PERSONAL INFORMATION

Grosu Ioana-Georgeta

-  Cluj-Napoca, Romania
-  +40 264 58 40 37 int. 164
-  ioana.grosu@itim-cj.ro

OCCUPATIONAL FIELD

Scientific researcher

WORK EXPERIENCE

01.07.2011 - present

Research assistant, Scientific researcher, Scientific researcher III

National Institute for Research and Development of Isotopic and Molecular Technologies, Department of Molecular and Biomolecular Physics, Cluj –Napoca, Romania www.itim-cj.ro

- Synthesis and structural characterization: organic compounds, coordination polymers, supramolecular organic polymers
- Preparation and characterization of new solid forms of pharmaceutically active compounds

2012-2016

Scientific researcher III

Faculty of Chemistry and Chemical Engineering, Department of Chemistry, [Babeş-Bolyai University](http://www.babes-bolyai.ro) Cluj-Napoca, Romania

- Synthesis and structural characterization: organic compounds and coordination polymers

EDUCATION AND TRAINING

2011

PhD Degree in chemistry

[Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering](http://www.babes-bolyai.ro), Cluj-Napoca, Romania
[Leipzig University, Faculty of Chemistry and Mineralogy](http://www.uni-leipzig.de), Leipzig, Germany

- Thesis: “Coordination Polymers of Polycarboxylates: Design, Synthesis and Structures”
PhD advisors: Prof. Dr. Evamarie Hey-Hawkins and Prof. Dr. Luminița Silaghi-Dumitrescu

2004

Master Degree in Organic Chemistry

[Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering](http://www.babes-bolyai.ro); Cluj-Napoca, Romania

- Thesis: “Synthesis and Stereochemistry of Some New Macrocyclic Compounds Containing Biaryl Units”
Advisor: Assoc. Prof. Luminita David

2005-2009

Bachelor Degree in Chemistry

[Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering](http://www.babes-bolyai.ro); Cluj-Napoca, Romania

2001-2005

Baccalaureate

Gheorghe Șincai Highschool, Cluj-Napoca, Romania;

Scholarships, workshops and courses

19.04-30.04.2017

Thermal profile investigation of polymers by differential thermal analysis (DTA) COST-Short Term Scientific Mission

Leipzig University, Faculty of Chemistry and Mineralogy, Leipzig, Germany

01.04.2008-31.03.2010

“Research Academy Leipzig” Grant

Leipzig University, Faculty of Chemistry and Mineralogy, Leipzig, Germany

01.10.2007-31.03.2008

“DAAD” (Deutscher Akademischer Austausch Dienst) scholarship

Leipzig University, Faculty of Chemistry and Mineralogy, Leipzig, Germany

01.06.2006-30.09.2006 and
10.07.2005 – 17.12.2005

“Academic Reconstruction of South Eastern Europe” scholarship

Leipzig University, Faculty of Chemistry and Mineralogy, Leipzig, German

PERSONAL SKILLS

Mother tongue(s)	Romanian					
Other language(s)	UNDERSTANDING		SPEAKING		WRITING	
	Listening	Reading	Spoken interaction	Spoken production		
	English	C2	C2	C2	C2	C2
	German	A2	A2	A2	A2	A2
Spanish	B2	B2	B1	B1	B1	B1

Organizational skills Effective communication in interdisciplinary teams, interactive communication, interpersonal communication, planning of own activity

Digital competence	Information processing	Communication	SELF-ASSESSMENT	Security	Problem solving
	Experienced user	Independent user	Content creation Independent user	Independent user	Independent user

- a good command of the Office suite (word processor, spreadsheet, presentation software), knowledge of applications of chemistry structure (ChemDraw), 3D view structures (Mercury, Diamond), 3D representation tools (Origin), database: PDF-4, Reaxys, CCDC

Driving licence -

ADDITIONAL INFORMATION

Projects

- 11 projects as a member in research team
- Most relevant:
 - POC 2014-2020 ID 40_404 SMIS 105533 TTC-ITIM 18/01.09.2016 *Increasing technological and knowledge transfer capacity of INCDTIM Cluj in the field of bioeconomics* Contracts: Nr. 259/16.02.2018 (2018-2019); Nr. 264/27.03.2018 (2019-2020) <http://www.itim-cj.ro/poc/ttc>
 - PN-III-P4-ID-PCE-2016-0208 Design of some spin-crossover structures controlled by ultrashort laser pulses (2017-2019) <https://www.itim-cj.ro/pncdi/lascro/>
 - POS CCE 2007-2013 ID 536 SMIS 12011 HTPHARMA 234/16.08.2010 *Modern high-throughput methodologies for obtaining and characterizing new solid forms of pharmaceutical compounds* (2010-2014) <http://www.itim-cj.ro/pos/htpharma>