

## PERSONAL INFORMATION



## Grădinaru Vasile-Robert

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 <https://biochimiero.wordpress.com/>

**Nationality** Romanian

## WORK EXPERIENCE

Oct 2016 – Present

**Associate Professor**

Faculty of Chemistry, Biochemistry, AICU, Carol I Av., no.11, 700506 Iasi, Romania

Teaching activities on Biochemistry, Enzymology and Toxicology

Supervising activities with bachelor, Master and PhD students

Research activities as part of the on-going research projects.

Oct 2007 – Oct 2016

**Lecturer**

Faculty of Chemistry, Biochemistry, AICU, Carol I Av., no.11, 700506 Iasi, Romania

Responsible for the practical work for the Biochemistry and Nucleic acids and proteins Courses.

Research activities as part of the on-going research projects.

Jan 2007 – Feb 2007

**PostDoc Researcher**

Department of Biochemistry and Molecular Biology, University of Freiburg, Germany

Experimental research, cloning and affinity chromatography of truncated FKBP22 chaperone domains and their interaction with HSP70 determined by SDS-PAGE electrophoresis

## EDUCATION AND TRAINING

21-27 June 2022

**Erasmus Teaching scholarship**

University of Chemical Technology and Metallurgy, Sofia, Bulgaria

23-29 September 2014

**Erasmus Teaching scholarship**

University of Chemical Technology and Metallurgy, Sofia, Bulgaria

September 2013

**DAAD scholarship**

Group of Biophysics, Department of Biology, University of Konstanz, Germany

Project title: "The effect of various cations on transport properties of Na,K-ATPase. A fluorescence study"

May 2000 – Nov 2005

**PhD in Biology**

Department of Biology, University of Konstanz, Germany

PhD Thesis: "Acyl-CoA Dehydrogenases: Mechanistic studies on MCAD"

Skills and knowledge in: enzymology, recombinant DNA, protein purification

1997 – 1999

**Master degree in Heterocycles Chemistry**

Faculty of Chemistry, Biochemistry, AICU, Carol I Av., no.11, 700506 Iasi, Romania

Skills and knowledge in: basic organic chemistry skills, pH sensors

1993 – 1997

**Bachelor degree in Chemistry**

Faculty of Chemistry, Biochemistry, AICU, Carol I Av., no.11, 700506 Iasi, Romania

**PERSONAL SKILLS**

Mother tongue(s) Romanian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	B2
German	C2	B1	B1	B2	A2
French	B2	B1	A2	A1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through teaching activities and international conferences

Organizational / managerial skills Organizer of small students working teams. Coordinate the activity of some PhD students.

Technical skills and competences Basic skills in enzyme activity measurements, protein, peptide and DNA isolation and purification by FPLC, DNA cloning, spectroscopy, mass spectrometry and antibacterial testing.  
Substrate synthesis and purification. HPLC separation. DNA and protein electrophoresis  
Implementing some new research ideas in the frame of biochemistry laboratory team

Computer skills

- knowledge of bioinformatics topics, such as BLAST and homology searches
- good command of Microsoft Office (Word, Excel, PowerPoint), ChemDrawPro, KaleidaGraph, Origin, Mendeley, EndNote etc.

Driving licence B

**ADDITIONAL INFORMATION**

Publications 65 (ISI), 24 (non-ISI), 10 (conference volumes), a patent

Presentations 3 oral presentations: July, 2021, Velingrad, Bulgaria; June, 2018, Starosel, Bulgaria; three presentations at national conferences: RCSB, Cluj-Napoca, 21-23 October, 2022; RICCCE, Sinaia, 7-9 September 2022; SRBBM, September, Iasi, 2019

Chapters in international books

Books Two published book chapters

Projects three

Memberships Leader of two national research projects (RP7/2007 and PED494/2020)

Eight projects (1451/2005, GAR 241/2007, PC 2746/ 2007, PC 4300/2008, 2023/2008, PN-II-PTPCCA-2013-4-1149, PN-III-P4-ID-PCE-2016-0377, PN-III-P2-2.1-PED-2016-0869)