

PERSONAL INFORMATION

Andrea Varga

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🌐 <http://www.chem.ubbcluj.ro/BIO/CENTRU>

WORK EXPERIENCE

February 2023 – present

Lecturer

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

September 2020 – January 2023

Assistant Professor

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

2015 – 2021

Research Assistant

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

EDUCATION AND TRAINING

2012 – 2016

PhD in Chemistry

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

November 2012 – April 2013

Erasmus Scholarship

Institute of Enzymology MTA, (in the research group - Genome Metabolism and DNA-Repair), Budapest, Hungary

2010 – 2012

Master of Science in Processing and Control in Food Industry

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

November 2010 – April 2011

Erasmus Scholarship

Institute of Enzymology MTA, (in the research group - Genome Metabolism and DNA-Repair), Budapest, Hungary

2006 – 2010

Bachelor of Science degree (Chemical Engineer)

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

2002 – 2006

High School Diploma

"Sylvania" High School, Zalău, Romania

PERSONAL SKILLS

Mother tongue(s)

Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Romanian	C1	C1	C1	B2	C1
English	B2	B2	B1	B1	B2

German	A2	A2	A1	A2	A2
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Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills Good team working skills developed while working on different projects
I have supervised research work carried out by undergraduate students

Job-related skills Good knowledge of High Performance Liquid Chromatography, UV-VIS Spectrophotometry, Gel Electrophoresis (SDS-PAGE), Western-Blot, Polymerase Chain Reaction (PCR), NanoDSF;
Basic knowledge in: Circular Dichroism spectroscopy, NMR spectroscopy;
Experience in: biocatalysis, chromatographic separation of chiral compounds, molecular cloning, site-directed mutagenesis, enzymes kinetics, expression, and purification of enzymes;

Driving licence B

ADDITIONAL INFORMATION

Researcher identifiers Researcher ID: ABA-9998-2020
GoogleScholar: <https://scholar.google.com/citations?hl=en&user=9Uk8TG4AAAAJ>

Projects Member in 4 research projects:

1. Immobilized Wild Type and Mutant Ammonia Lyases and Amino Mutases for Production of Alfa- and Beta-Phenylalanine Analogs; PN-II-ID-PCE-2011-3-0799; 263/2011
2. MIO-enzyme kit with defined and extended substrate domain; PN-II-RU-TE-2014-4-1668, 264/01.10.2015
3. Nanoscale Enzyme Immobilization and Microfluidics for Systems Biocatalysis-(NEMSyB); ID P_37_273, codSMIS 103413, 25/01.09.2016
4. Biocatalysis Engineering–Selective Magnetic nanoparticles based Reactor Technology (BE-SMART); PN-III-P2-2.1-PED-2019-5031