



Europass  
Curriculum Vitae

**Personal information**

First name/last name **ALINA RAMONA BUZATU**

Address

Phone number

E-mail **buzatu.ramona@umft.ro**

Nationality **Romanin**

Date of birth

Gender **Female**

**Work experience**

Period **29.09. 2025 - Current**

Occupation or position held **Associate Professor**

Main activities and responsibilities **Teaching activities, scientific research**

Employer Name and Address **“Victor Babeş” University of Medicine and Pharmacy, Timișoara, Faculty of Medicine, Department of Biochemistry and Pharmacology, Academic Department of Biochemistry, Eftimie Murgu Square, No. 2, Timișoara, 300041, Romania**

Period **2021 - 2025**

Occupation or position held **Lecturer**

Main activities and responsibilities **Teaching activities, scientific research**

Employer Name and Address **“Victor Babeş” University of Medicine and Pharmacy, Timișoara, Faculty of Medicine, Department of Biochemistry and Pharmacology, Academic Department of Biochemistry, Eftimie Murgu Square, No. 2, Timișoara, 300041, Romania**

Period **2013 - 2021**

Occupation or position held **Assistant Professor**

Main activities and responsibilities **Teaching activities, scientific research**

Employer Name and Address **“Victor Babeş” University of Medicine and Pharmacy, Timișoara, Faculty of Medicine, Department of Biochemistry and Pharmacology, Academic Department of Biochemistry, Eftimie Murgu Square, No. 2, Timișoara, 300041, Romania**

Period **2024 - ongoing**

Occupation or position held **Scientific Researcher**, Project: PN-IV-P7-7.1-PED-2024-2513 - Development of a Sustainable Method for the Production of Glycosylated Flavonols Using Immobilized Biocatalysts on Renewable Supports

Main activities and responsibilities **Research Activities**

Employer Name and Address **Romanian Academy, Coriolan Drăgulescu Institute of Chemistry, 24 Mihai Viteazu Boulevard, Timisoara, Romania**

Period **2021 - 2024**

Occupation or position held **Scientific Researcher**, Project: Exploratory Research Projects - PN-III-P4-ID-PCE-2020-2177, PCE 157/2021, Carbohydrate-Based Biosurfactants Obtained via Sustainable Synthesis Pathways in Eco-Friendly Reaction Media

Main activities and responsibilities **Research Activities**

Employer Name and Address Politehnica University Timisoara, Faculty of Chemical Engineering  
Biotechnologies and Environmental Protection, Carol Telbisz Square, No. 6,  
Timisoara 300001, Romania

Period 2011 - 2012

Occupation or position held **Scientific Researcher**, Cross-Border Project HURO/0901/274/2.2.2 "Isolation, enantioselective  
synthesis and structure elucidation of heterocycles with potential pharmacological activity"

Main activities and responsibilities Research Activities

Employer Name and Address Politehnica University Timisoara, Faculty of Chemical Engineering  
Biotechnologies and Environmental Protection, Carol Telbisz Square, No. 6,  
Timisoara 300001, Romania

Period 2008 -2010

Occupation or position held **Scientific Researcher**, Project: Biofuels Obtained from Valorization of Cellulosic Waste in an  
Integrated Chemo-Enzymatic System, PN II - Partnerships, Project 3091/09.2007,  
BIOETANENERGIE

Main activities and responsibilities Research Activities

Employer Name and Address Politehnica University Timisoara, Faculty of Chemical Engineering  
Biotechnologies and Environmental Protection, Carol Telbisz Square, No. 6,  
Timisoara 300001, Romania

Period March 2008 - October 2008

Occupation or position held **Laboratory Technician**

Main activities and responsibilities Research Activities

Employer Name and Address National Institute for Research and Development in Electrochemistry and Condensed Matter,  
Timișoara, Dr. A. Păunescu Podeanu Street, No. 144, Timisoara 300569, Romania

#### **Education and training**

Period 2014 -2015

Title of qualification/credential awarded **Psychopedagogical Module - Teacher Training**  
Department for Teacher Training, Level I (Series X, No. 0051088) and Level II (Series X, No.  
0051240)

Organisation providing education and training / Field of study West University of Timișoara

Period 2008 -2012

Title of qualification/credential awarded **Ph.D. in Chemical Engineering**  
Series H, No. 0018821 (Ministerial Order OMECTS No. 5743, 12.09.2012)

Field of study Chemical Engineering  
Ph.D. Thesis: "Use of Immobilized Lipases for the Synthesis of Oligo- and Polysaccharide Esters"

Organisation providing education and training Politehnica University Timisoara, Faculty of Chemical Engineering Biotechnologies and Environmental  
Protection, Carol Telbisz Square, No. 6, Timisoara 300001, Romania  
Wageningen University & Research Center, Biobased Products Department, Wageningen, Olanda

Period 23 March - 27 March 2009

Field of study **"Advanced Course Biocatalysis"**

Organisation providing education and training Delft University of Technology, Delft, Olanda

Period 2003 - 2008

Title of qualification/credential awarded **Bachelor's Degree Engineer** Series G, No. 0051659 (No. 61770 / 22.09.2008)

Main Subjects Studied / Professional Competencies Acquired	Inorganic Chemistry, Organic Chemistry, Analytical and Instrumental Chemistry, Physical Chemistry, Electrochemistry, Biochemistry, Chemical Reaction Kinetics, Chemistry of Natural Compounds, Spectroscopic Methods for Structure Determination, Chromatographic Methods for Separation and Analysis, Toxicology, Cosmetology, Fermentation Industries
Field of Study	Food Chemistry
Organisation providing education and training	Politehnica University Timisoara, Faculty of Chemical Engineering Biotechnologies and Environmental Protection, Carol Telbisz Square, No. 6, Timisoara 300001, Romania

### Personal Skills and Competences

Mother tongue(s) Romanian

Other language(s)

	Understanding	Speaking	Writing
<b>English</b>	C1	C1	C1

Social Skills and Competences Communication and teamwork abilities, analytical and synthesis skills, perseverance in achieving objectives, responsibility, and a commitment to continuous improvement - skills developed through research project collaborations, teaching activities, and participation in various scientific events.

Technical Skills and Competences Gas Chromatography (GC), High-Performance Liquid Chromatography (HPLC), Thin Layer Chromatography (TLC), Column Chromatography, FT-IR and UV-VIS Spectroscopy, Mass Spectrometry (MALDI TOF MS), Gel Electrophoresis, Immunological Techniques (ELISA).

Computer Skills MS Office (Word, Excel, Power-Point, Outlook), Total Commander, ChemOffice, Internet, and specialized professional software.

Professional Organizations Member of the European Federation of Biotechnology, Biocatalysis Section  
Member of the Romanian Chemical Society  
Member of the Romanian Society of Biochemistry and Molecular Biology

### References

Co-author of 13 textbooks.

Research activity includes:

- 18 full-length papers indexed in ISI,
- 3 abstracts indexed ISI,
- 5 full-length papers indexed in BDI,
- 1 full-length paper indexed B+,
- 34 papers published and presented at national and international conferences