

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Moldovan Bianca-Elena**
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E-mail bianca.moldovan@ubbcluj.ro
Nationality Romanian
Date of birth 1976, September, 22
Gender Female

Desired employment / Occupational field

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Chemistry Department,

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2017 – present</p> <p>Lecturer, Chemistry Department</p> <p>Teaching, research</p> <p>Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania</p> <p>Higher education and research</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2022 – present</p> <p>Project manager</p> <p>Project title: "The antidiabetic potential of novel bionanostructures: Future prospects as therapeutic agents", PN-III-P1-1.1-TE-2021-0511</p> <p>Research in the field of Materials Chemistry</p> <p>Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania</p> <p>Research</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2004 – 2017</p> <p>Teaching assistant, Chemistry Department</p> <p>Teaching, research</p> <p>Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania</p> <p>Higher education and research</p> <p>Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania</p> <p>Higher education and research</p>

Dates	2000-2001
Occupation or position held	Chemistry Teacher
Main activities and responsibilities	Teaching
Name and address of employer	"George-Cosbuc" National College, Cluj-Napoca, Romania
Type of business or sector	Education

Education and training

Dates	2013
Title of qualification awarded	PhD in Chemistry
Principal subjects/occupational skills covered	Thesis entitled "Contributions to the study of multiple hydrogen rearrangements in mass spectra of synthetic esters and to the investigation of the properties of some natural compounds with polyphenolic structures"
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering
Level in national or international classification	Postgraduate
Dates	2005-2007
Title of qualification awarded	MSc
Principal subjects/occupational skills covered	Master Program in "Production technology and enhancement of special wines and their derived products"
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca, Romania
Level in national or international classification	Postgraduate
Dates	1996-2000
Title of qualification awarded	BSc
Principal subjects/occupational skills covered	Chemistry and Physics
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
Level in national or international classification	Graduate

Dates	1991-1995
Title of qualification awarded	High school diploma
Principal subjects/occupational skills covered	Theoretical High school
Name and type of organisation providing education and training	"George-Cosbuc" High School, Cluj-Napoca, Romania
Level in national or international classification	High school graduate

Stages abroad

Dates	2019
Title of qualification awarded	Research and training
Principal subjects/occupational skills covered	Colloidal Chemistry, Food Chemistry
Name and type of organisation providing education and training	Budapest University of Technology and Economics, Hungary

Dates	2018
Title of qualification awarded	Research and training
Principal subjects/occupational skills covered	Natural Products Chemistry, Food Chemistry
Name and type of organisation providing education and training	Universidade Nova de Lisboa, Lisbon, Portugal
Dates	2017
Title of qualification awarded	research and training
Principal subjects/occupational skills covered	Organic Chemistry, Materials Chemistry
Name and type of organisation providing education and training	University of Almeria, Spain
Dates	2000
Title of qualification awarded	Research
Principal subjects/occupational skills covered	Organic Chemistry
Name and type of organisation providing education and training	Graz University, Austria, Prof. Dr. Walter Fabian group
Dates	1999
Title of qualification awarded	Study and research
Principal subjects/occupational skills covered	Organic Chemistry, Physical Chemistry
Name and type of organisation providing education and training	Wuerzburg University, Germany

Personal skills and competences

Mother tongue(s)	Romanian
Other language(s)	English, German, French
Self-assessment	

European level

		Understanding				Speaking				Writing	
		Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	
German	C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	
French	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	

German language certificate - Deutsche Sprachprüfung für den Hochschulzugang (DSH) from Wuerzburg, University, Germany	
Social skills and competences	Teamwork abilities, rapid integration in new working groups, good communication capacity.
Organisational skills and competences	Good organizer
Technical skills and competences	Isolation and purification of biologically active compounds from natural sources Green synthesis of noble metal nanoparticles Experimental techniques in organic synthesis and structural characterization methods Publications: - 1 book chapter (co-author Prof. Dr. L. David) 53 scientific papers in national and international journals, 49 in ISI Journals Hirsch index = 21 , Total number of citations: 1150 (November 2023, Web of Science Core Collection) Researcher ID: J-9231-2012

Computer skills and competences	PC and compatible programs user, including internet, graphic software, laboratory equipment software.
Other skills and competences	
Driving licence	Yes
Annexes	Publications list

Bianca Elena Moldovan