

Europass Curriculum Vitae



Personal information

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Nationality Romanian
Date of birth 1964, September, 9
Gender Female

Desired employment / Occupational field Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Chemistry Department

Work experience

Dates	2023 – present
Occupation or position held	Professor, Faculty of Chemistry and Chemical Engineering, Chemistry Department
Main activities and responsibilities	Teaching, research
Name and address of employer	Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania
Type of business or sector	Higher education and research
Dates	2004 – 2023
Occupation or position held	Associate Professor, Faculty of Chemistry and Chemical Engineering, Chemistry Department
Main activities and responsibilities	Teaching, research
Name and address of employer	Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania
Type of business or sector	Higher education and research
Dates	1998-2004
Occupation or position held	Lecturer, Faculty of Chemistry and Chemical Engineering
Main activities and responsibilities	Teaching, research
Name and address of employer	Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania
Type of business or sector	Higher education and research
Dates	1992-1998
Occupation or position held	Teaching Assistant, Faculty of Chemistry and Chemical Engineering
Main activities and responsibilities	Teaching, research
Name and address of employer	Babeş-Bolyai University, 1, M. Kogalniceanu Str., 400084, Cluj-Napoca, Romania
Type of business or sector	Higher education and research
Dates	1991-1992
Occupation or position held	Researcher

Main activities and responsibilities	Research
Name and address of employer	National Institute for Chemical Pharmaceutical Research, 124, Fabricii Str., 400632, Cluj-Napoca, Romania
Type of business or sector	Research
Dates	1990-1991
Occupation or position held	Chemist
Main activities and responsibilities	Research
Name and address of employer	National Institute for Chemical Pharmaceutical Research, 124, Fabricii Str., 400632, Cluj-Napoca, Romania
Type of business or sector	Research
Dates	1987-1990
Occupation or position held	Chemical engineer
Main activities and responsibilities	Chemical analyses of petroleum products
Name and address of employer	Enterprise for Petroleum Products Delivery, 274, Bucuresti Str., 240291, Ramnicu-Valcea, Romania
Type of business or sector	Services/Petroleum Products Delivery
Education and training	
Dates	dec. 2021
Title of qualification awarded	Habilitation in Chemistry/PhD scientific adviser in Chemistry
Principal subjects/occupational skills covered	Organic chemistry/Natural compounds chemistry with applications in food industry, medicine and materials science
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering
Level in national or international classification	
Dates	oct. 2001 - oct. 2002
Title of qualification awarded	Postdoctoral fellowship
Principal subjects/occupational skills covered	Chemistry of organic compounds with fused aromatic rings / Fine organic synthesis
Name and type of organisation providing education and training	Research Institute in Fine Organic Chemistry (IRCOF), University of Rouen, France
Level in national or international classification	
Dates	1993-2000
Title of qualification awarded	PhD in Chemistry
Principal subjects/occupational skills covered	Synthesis and stereochemistry of organic compounds
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering
Level in national or international classification	8
Dates	1982-1987
Title of qualification awarded	Chemical Engineer
Principal subjects/occupational skills covered	Organic chemistry / Chemical technology
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Technological Chemistry
Level in national or international classification	6
Dates	1978-1982

Title of qualification awarded High school diploma
 Principal subjects/occupational skills covered Chemistry / Chemical technology
 Name and type of organisation providing education and training "Terapia" High School Cluj-Napoca
 Level in national or international classification 3

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment
 European level (*)

French

English

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

(*) [Common European Framework of Reference for Languages](#)

Organizational skills and competences

Member of the Board of the Faculty of Chemistry and Chemical Engineering (2011-present)
 Member of the Board of Chemistry Department (2012-2016)
 Vice-dean of the Faculty of Chemistry and Chemical Engineering (2010-2012)
 Chancellor of the Faculty of Chemistry and Chemical Engineering (2009-2010)
 Managing editor of the journal Studia Universitatis „Babeş-Bolyai” Chemia (2000-2007)
 Scientific coordinator of more than 40 bachelor, diploma and dissertation papers
 Director/responsible of 3 research projects won through national competition (CNCSIS, PNCDI)
 Team member of 17 research projects

Technical skills and competences

Experimental techniques in: organic synthesis and structural characterization methods (RMN, IR, UV- VIS), separation of natural compounds and nanoparticles' synthesis
Research fields of interest: stereochemistry of saturated six-membered rings heterocycles, food chemistry (dyes, compounds with antioxidant activity), chemistry of natural compounds (stability, bioavailability), natural compounds and hybrid nanomaterials with biological activity
Scientific reviewer for the following journals: *Food Chemistry, Molecules, Nanomaterials, Journal of Photochemistry and Photobiology B, Materials Science and Engineering C, Colloids Surfaces B: Biointerfaces, Journal of Molecular Liquids, Spectrochimica Acta A, Green Chemistry Letters and Reviews, Metabolites, Antioxidants, Agronomy, Journal of the Science of Food and Agriculture, Journal of Food Biochemistry, IET Nanobiotechnology, Industrial Crops and Products, Journal of Polymers and the Environment*
Project evaluator expert: UEFISCDI (2020), National Science Center of Poland (2019)
Reviewer of 5 doctoral theses and member of the guidance committee of 11 PhD students
Participation with 43 oral presentations or posters at national and international conferences
Teaching activity (courses /seminars / laboratory works / project):
 Organic chemistry
 Reaction mechanisms in organic chemistry
 Stereochemistry of organic compounds
 Antipest technology
 Food chemistry
 Food additives
 Natural flavors
 Confectionery
 Food chemistry complements
 Processing of animal products

Computer skills and competences

Basic computer skills, including internet, Word, Excel, Power Point, statistical software, ChemWin/ChemDraw, online database access, laboratory equipment software.

Driving licence	Yes, B category
Additional information	<p>Research internships/Visits</p> <p>may-june 1995 (1 month) University of Rouen, France may 2001 (2 weeks) Institute of Pharmaceutical Chemistry, University of Szeged, Hungary may 2003 (2 weeks) Faculty of Chemical Technology, University of Pardubice, Czech Republic september 2017 (1 week) University of Almeria, Spain september 2018 (1 week) Nova University of Lisbon, Portugal september 2019 (1 week) Budapest University of Technology and Economics, Hungary april-may (3 weeks) Grand Valley State University, Michigan, USA – invited professor</p> <p>Publications</p> <p>1 book 1 book chapter (published in an international publishing house) 1 book for students 84 papers of which 68 in ISI journals</p> <p>Hirsh index = 20</p>

Annexes

Cluj-Napoca,
12.10.2023

Luminița David