

PERSONAL INFORMATION

Dana Maria COPOLOVICI (born BAN)



Elena Drăgoi St., Nr. 2, L 31, City Arad, County Arad, Zip Code 310330, Romania

 0040748564459

 dana.copolovici@uav.ro

Sex Female | Date of birth 16/08/1976 | Nationality Romanian

WORK EXPERIENCE

02/10/2017–Present

Professor

Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Arad (Romania)

01/10/2016–Present

Ph.D. Supervisor

The University of Oradea, Oradea (Romania)

01/10/2014–01/10/2017

Associate Professor

Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Arad (Romania)

01/10/2013–31/07/2014

Lecturer

Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Arad (Romania)

05/03/2012–05/07/2013

Researcher

Institute of Technical and Natural Sciences Research Development of "Aurel Vlaicu" University, Arad (Romania)

01/01/2012–30/06/2013

Senior Researcher

Institute of Technology, Faculty of Science and Technology, University of Tartu, Tartu (Estonia)

01/03/2010–31/12/2011

Postdoctoral researcher

Institute of Technology, Faculty of Science and Technology, University of Tartu, Tartu (Estonia)

15/01/2008–28/02/2010

Extraordinary researcher

Institute of Technology, Faculty of Science and Technology, University of Tartu, Tartu (Estonia)

2001–2002

Assistant researcher

Research Institute for Analytical Instrumentation, INCDO-INOE 2000, Cluj-Napoca (Romania)

EDUCATION AND TRAINING

04/12/2015

Habilitation in Biology

01/10/2002–12/12/2007	Ph. D. in Chemistry "Babes-Bolyai" University, Cluj-Napoca (Romania)	EQF level 8
01/10/2001–30/06/2002	M.Sc. in Chemistry Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University, Cluj-Napoca (Romania)	EQF level 7
01/10/1997–30/06/2001	B.Sc. in Chemistry Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University, Cluj-Napoca (Romania)	EQF level 6
15/09/1991–30/06/1995	Baccalauréat "Andrei Muresanu" National College, Bistrita (Romania)	EQF level 4

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	C1/2	B1/2	B1/2
French	A1/2	A1/2	A1/2	A1/2	A1/2
Italian	B1/2	B1/2	B1/2	A1/2	A1/2
German	A1/2	A1/2	A1/2	A1/2	A1/2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience as speaker at different international conferences

Organisational / managerial skills

Project director for:
"New chiral organo-antimony derivatives containing intramolecular coordination". Grant CNCSIS 1/93, 2004-2006, director of the project: Dana Maria Ban.

"Design, Synthesis and Applications of New Chimeric CPPs for Intracellular Delivery of Nucleic Acids and Drugs", Mobilitas MJD64, 2010-2013, director of the project: Dana Maria Copolovici.

"New Methods for Cell-Specific Delivery of Therapeutic Molecules", Project ETF 9438, 2012-2013, director of the project: Dana Maria Copolovici.

Member in Management Team for: "Research Center in Natural and Technical Sciences", Project POSCCE- O.2.2.1, 2014-2015 co-funded by European Union and Romanian Government.

Member in 18 national or international research projects.

PhD supervision: PhD thesis of Julia Suhorutsenko (2009-2012), supervisors: Prof. Dr. Ülo Langel and Dr. Dana Copolovici, held in 4 October 2012, with the title: "Cell-penetrating peptides: cytotoxicity, immunogenicity and application for tumor targeting" at Institute of Technology, Faculty of Science and Technology, University of Tartu, Estonia.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Windows, GraphPad Prism, BDFACSDIVA, MAGELAN, MESTREC, NOVA, WIRE, LYRA, etc.

Other skills

Spectroscopy (UV/VIS, IR, Raman, diode array spectrophotometer), gas chromatography, liquid chromatography, NMR spectroscopy, solid phase synthesis (manual and automated), synthesis of inorganic and organometallic compounds, Schlenk techniques, mass spectrometry (MALDI-TOF-MS, CI-MS, ES-MS), bioluminescence, cultured cells manipulations, flow cytometry, manipulation of laboratory animal models, microscopy (fluorescence, epifluorescence, confocal), atomic force microscopy, electron microscopy (SEM, TEM), immunohistology and histochemistry, X-ray diffraction studies.

Driving licence

B

ADDITIONAL INFORMATION

Memberships

Romanian Chemical Society (since 2001),
 The European Peptide Society (since 2008),
 Romanian Society of Biochemistry and Molecular Biology (since 2014),
 Romanian National Society of Environmental Sciences and Engineering (since 2017)

Member in Consiliul Național de Atestare a Titurilor, Diplomelor și Certificatelor Universitare (CNATDCU) – Biology and Biochemistry Commission (since 2017)

Conferences

79 national and international scientific conferences

Publications

35 ISI articles, 4 ISI Proceedings articles
 2 books
 1 book chapter
 9 articles in other journals
 1 international patent

Citations

909 citations (without self-citations), h index 13

Researcher ID

C-5207-2012

ORCID

<http://orcid.org/0000-0002-1491-0473>

Brainmap

<https://www.brainmap.ro/dana-copolovici>

Reviewer for

Chemical Reviews, FEBS Letters, Scientific Reports, ACS Macro Letters, Chemical Communications, Marine Drugs, Synlett, Langmuir, Molecules, Pharmaceuticals, European Journal of Medicinal Chemistry, Therapeutic Delivery, Cellulose Chemistry and Technology, Computer Methods and Programs in Biomedicine, Current Drug Safety, etc.

- Expert** UEFISCDI, Romania; National Science Centre, Poland (Narodowe Centrum Nauki – NCN)
- Editor-in-chief** Scientific and Technical Bulletin Series Chemistry, Food Science & Engineering, "Aurel Vlaicu" University Publishing House, Arad, ISSN 1582-1021 (<http://www.uav.ro/jour/index.php/stb-cfse>)
- Fellowships** 31.03.2004 - 31.08.2004, Erasmus - Socrates fellowship, Institute fuer Anorganische und Physikalische Chemie, Bremen University, Bremen, Germany, Prof. Dr. Hans J. Breunig.
- 01.04.2005 - 31.07.2005, Leonardo da Vinci fellowship, Institute fuer Anorganische und Physikalische Chemie, Bremen University. Bremen, Germany, Prof. Dr. Hans J. Breunig.
- 12.09.2005 -13.11.2005, research fellowship, Swiss Federal Institute of Technology (ETH) in Zurich, Switzerland, Prof. Dr. Dieter A. Schlüter.
- 13.09.2006 - 31.11.2006, research fellowship, Dipartimento di Chimica Inorganica ed Analitica Universita degli Studi di Cagliari, Italy, Assoc. Prof. Dr. Francesco Isaia.
- Honours and awards** Special Mention No 1 to "Aurel Vlaicu" University from Arad, Dr. Dana Copolovici, at InnoMatch Regional innovation Fair 3-4 April 2013, Arad International, for development of methodology of bleaching of kraft pulp using polyoxometalates.
- Best poster award for: Chemical Analysis and Antimicrobial Activity of *Lavandula Officinalis* L. Essential Oils, Dana M. Copolovici, Dana Radu, Georgeta Pop, Lucian Copolovici presented at The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 09-11 June 2016.
- Best poster award for: Variation in phenolic content and antioxidant activity of different plant parts of *Primula veris*, Andreea Lupitu, Daniel Tomescu, Claudia Anca Mot, Cristian Moisa, Dana Maria Copolovici, Lucian Copolovici, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania.
- Best poster award for: "Essential oil composition, total phenolic content, and antioxidant activity - determined from leaves, flowers and stems of *Origanum vulgare* L. var. *aureum*", Cristian Moisa, Lucian Copolovici, Andreea Lupitu, Georgeta Pop, Virgiliu Ciutina, Dana Maria Copolovici,, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania.
- Diploma de onoare (Honorary Diploma) from Romanian Chemical Society, 2018.

Arad
19.02.2019

Prof. Dr. Habil. Dana Copolovici

