

## PERSONAL INFORMATION

## Dana Maria COPOLOVICI (born BAN)



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

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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**

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, OMENCS 5945, 4.12.2015**

01/10/2002–12/12/2007	<b>Ph. D. in Chemistry</b> “Babes-Bolyai” University, Cluj-Napoca (Romania)	EQF level 8
01/10/2001–30/06/2002	<b>M.Sc. in Chemistry</b> Faculty of Chemistry and Chemical Engineering, “Babes-Bolyai” University, Cluj-Napoca (Romania)	EQF level 7
01/10/1997–30/06/2001	<b>B.Sc. in Chemistry</b> Faculty of Chemistry and Chemical Engineering, “Babes-Bolyai” University, Cluj-Napoca (Romania)	EQF level 6
15/09/1991–30/06/1995	<b>Baccalauréat</b> “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, summer schools  
Visiting professor at Estonian University of Life Sciences, Estonia: International Summer Course on Biosphere-Atmosphere Exchange and Measurement Techniques, Tartu and Järvselja, 21-24 August, 2018.  
Visiting professor at 2nd International Summer School: “PROTEOMICS – from Introduction to Clinical Applications”, Iasi, Romania, 9-13 July, 2018.  
PhD supervisor and member of various academic and scientific committees

**Organisational / managerial skills** Head of the Department for Education and Continuing Education of Aurel Vlaicu University of Arad (since 2019)

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.

Organization and leader of the research Microscopy laboratory from Aurel Vlaicu University of Arad

Member in 19 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.

Organization of „STUDENT SCIENTIFIC SESSION”, organized by the Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University of Arad, Romania, since 2016.

Member in the evaluation commission of 1 PhD theses and 1 Habilitation theses held at University of Oradea, Romania.

## 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, APCI-MS, ESI-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 Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU) – Biology and Biochemistry Commission (since 2017)

## Conferences

More than 100 national and international scientific conferences

## Publications

**41 ISI Web of Science articles, 4 ISI Proceedings articles**  
**2 books**  
**2 book chapters at international publishing houses**  
**9 articles in other journals**  
**1 international patent**

## Citations

**1173 citations (WoS, without self-citations), h index 14**

Researcher ID C-5207-2012

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

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

Publons <https://publons.com/researcher/1270768/dana-maria-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, Analyst, Food&Function, International Journal of Molecular Sciences, 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. *azureum*", 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  
26.04.2020

Prof. Dr. Habil. Dana M. Copolovici

