


PERSONAL INFORMATION

Casoni Dorina



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ResearcherID: B-7170-2012

WORK EXPERIENCE

- Feb 2017 – Present **Lecturer**
 Babeş-Bolyai University, Cluj-Napoca, Romania
 Teaching position / Research area: Analytical Chemistry / Food Control / Trace Analysis / Analytical Control of Bioprocesses
- May 2022 – Present **Project manager**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Project title: *New chromatographic approaches for the evaluation of the antioxidant/prooxidant profile of redox-active drugs, PN-III-P1-1.1-TE-2021-0655*
 Research in Analytical Chemistry – Chromatographic methods, evaluation of the antioxidant potential of some classes of drugs
- June 2022 – Present **Project manager**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Project title: *Development of a new chromatographic protocol for rapid evaluation of antioxidant potential and characterization of medicinal plant extracts, PN-III-P2-2.1-PED-2021-1116*
 Research in Analytical Chemistry – Chromatographic methods, development of new methods for evaluation of the antioxidant potential in simulated physiological conditions
- Feb 2015 – Feb 2017 **Assistant Professor**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Teaching position / research area: Analytical Chemistry / Trace Analysis / Instrumental Analysis / Analysis of speciation
- Nov 2013 – Oct 2014 **Grant manager**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Research in Analytical Chemistry - grant title: *Efficient chromatographic methods based on digital image processing for monitoring metabolites of biologically active amines*, Grants for Young Researchers GTC – 34063/2013
- June 2011 – March 2013 **Postdoctoral Researcher / Postdoctoral Studies Certificate**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Research in the field of Analytical Chemistry - Chromatographic Methods and Spectrophotometric Methods coupled with advanced chemometric techniques within the project entitled: *The antioxidant potential and lipophilicity of some natural nitrogen compounds and related drugs* (within the project POSDRU/89/1.5/S/60189, *Postdoctoral Programs for Sustainable Development in a Knowledge Based Society*)
- Jan 2008 – Oct 2016 **Assistant Researcher**
 Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
 Research in Analytical Chemistry and Chemometrics within the projects:
Modeling of the physico-chemical properties and prediction of biological activity of some classes of compounds of particular interest for food quality and safety, Project PNII/IDEI, ID_560/2007 (Period January 2008 – October 2010);
Comprehensive evaluation of redox activity and lipophilicity for biogenic amines and related compounds, PN-II-ID-PCE-2011-3-0366 (Period October 2011 – October 2016).

EDUCATION AND TRAINING

- Nov 2001 – May 2010 **Ph.D. in Chemistry / Analytical Chemistry**
Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
Doctoral thesis: *Determination of the lipophilicity of some compounds from the class of food additives by chromatographic methods* (date of submission: 14.05.2010, Excellent grade (*Summa cum laude*))
Training / mobility internships - Technical University of Gdansk, Poland: February 2012; September 2009; May 2008
- Oct 2000 – June 2001 **Master's degree in Modern methods of analysis used in environmental and product quality control**
Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
ERASMUS Mobility Training - Erasmus Intensive Programme, University of Ioannina, Greece, March 2001 – June 2001
- Sept 1996 – June 2000 **Bachelor's degree in Chemistry, Specialization in Physical - Chemistry**
Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering Cluj-Napoca, Romania
▪ Certificate of Pedagogical module graduation, Babeș-Bolyai University, Department for Teaching Staff Training, Cluj-Napoca, Romania

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language (s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
english	C1	C1	C1	C1	C1
french	B1	B1	B1	B1	B1

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

Organisational / managerial skills

- Teamwork skills developed as project manager in two national projects (*PN-III-P1-1.1-TE-2021-0655 and PN-III-P2-2.1-PED-2021-1116*), *project manager of two grants* ((GTC – 34063/2013 and Postdoctoral Research Grant - POSDRU/89/1.5/S/60189) and team member in two national projects (PNII/IDEI, ID_560/2007 and PN-II-ID-PCE-2011-3-0366)
- Competences to coordinate the research activity for bachelor's and master's degree thesis
- Member in the bachelor's diploma committee
- Responsible for Clinical Chemistry master section

Computer skills

- Microsoft Word, Microsoft Excel, Microsoft Power Point
- Ability to use special software: Statistica, Dragon, Alchemy, ChemDraw Ultra, HyperChem, Bio-Loom, etc. ImageDecipher TLC, Sorbfil TLC with broad applications both in chemistry and other interdisciplinary fields.

Driving license

Category B

Job-related skills

Publications

- Publication of a number of 54 scientific articles in ISI Thomson-Reuters journals
- Visibility of the published results : Hirsch: 14 (Google academic); 12 (Scopus și WoS)
- Total number of citations: more than 600 (Google academic), more than 450 (Web of Science)

Committee member

- Member of the Romanian Chemistry Society
- Member in the doctoral studies committee, Doctoral School of Chemistry, Institute of Doctoral Studies of Babeș-Bolyai University (since 2017)
- Researcher ID profile: <http://www.researcherid.com/rid/B-7170-2012>
- ORCID number: <http://orcid.org/0000-0002-7056-8000>
- Google Scholar profile: <https://scholar.google.com/citations?hl=en&user=TgJUsQoAAAAJ>

03 Nvember 2023

Lect. Dr. Casoni Dorina