

PERSONAL INFORMATION



Marincaș Olivian-Ciprian

📍 67-103 Donat street, PO 5 Box 700, Cluj-Napoca, 4002930 , Romania

☎ Phone Number: +40 264 58 40 37; Int. 143

✉ e-mail: olivian.marincas@itim-cj.ro

Sex M | Date of Birth 28/05/1983 | Nationality Romanian

PROFESSIONAL EXPERIENCE

Research Scientist III

National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj – Napoca, Romania www.itim-cj.ro

Mass Spectrometry, Chromatography and Applied Physics

Responsibilities:

April 2019 – Present

- Member of the research teams
- Projects proposals at national and international competitions
- Optimization and validation of new analytical methods
- Samples extractions from different matrices (water, air, soil, cosmetics, alcoholic beverages, food, essential oils) by different techniques: SPE, ASE, SPME
- Samples analysis by GC-MS, HPLC-MS techniques
- Data interpretation
- Results exploitation through scientific articles publishing and participating in scientific events (national/international conferences)
- Participating in professional training courses
- Responsible for various economic contracts

Research Scientist

National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj – Napoca, Romania www.itim-cj.ro

Mass Spectrometry, Chromatography and Applied Physics

Responsibilities:

October 2011 – April 2019

- Member of the research teams
- Projects proposals at national and international competitions
- Optimization and validation of new analytical methods
- Samples extractions from different matrices (water, air, soil, cosmetics, alcoholic beverages, food, essential oils) by different techniques: SPE, ASE, SPME
- Samples analysis by GC-MS, HPLC-MS techniques
- Data interpretation
- Results exploitation through scientific articles publishing and participating in scientific events

- (national/international conferences)
- Participating in professional training courses
- Responsible for various economic contracts

Research Assistant

National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj – Napoca, Romania www.itim-cj.ro

Mass Spectrometry, Chromatography and Applied Physics

Responsibilities:

- Member of the research teams
- Optimization and validation of new analytical methods
- Samples extractions from different matrices
- Samples analysis by GC-MS, HPLC-MS techniques
- Results exploitation through scientific articles publishing and participating in scientific events (national/international conferences)
- Participating in professional training courses

November 2006 - October 2011

STUDIES

2007- 2016 Ph.D. in Chemistry

Babes-Bolyai" University, Faculty of Chemistry and Chemical Engineering, Cluj - Napoca, Romania

Thesis: "Determination, study and elimination of organic pollutants from surface and wastewater"

2006 - 2007 Master of Science in Organic Chemistry

Babes-Bolyai" University, Faculty of Chemistry and Chemical Engineering, Cluj - Napoca, Romania

Master Thesis: „Determination of pesticide residues like triazine and phenyl urea herbicide in waters samples using GC/MS system after SPE pre-concentration"

2002 – 2006 Bachelor in Science (Chemistry)

Babes-Bolyai" University, Faculty of Chemistry and Chemical Engineering, Cluj - Napoca, Romania

COMPETENCES

Native Language Romanian

Foreign languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Conversation	Oral speech	
English	C1	C1	B2	B2	C1
French	A2	B1	A2	A2	A2
Italian	A1	A2	A1	A1	A1

Acquired competences	Gas Chromatography coupled with Mass Spectrometry (GC/MS) High Performance Liquid Chromatography coupled with Mass Spectrometry (UHPLC-MS) High Performance Liquid Chromatography coupled with UV detection (UHPLC-UV) Accelerated Solvent Extraction (ASE) from different matrices: soil, sediments, activated sludge, oils, plants, food products Development of extraction methods (SPE) for organic compounds from complex matrices: surface water, wastewater, ground water New methods development for wastewater treatment Quality evaluation of food and non-food products
IT skills	Windows, Microsoft Office, Corell 12, ChemWin, ChemDraw, HyperChem, Xcalibur Soft, Analyst Soft
Driver's license	B

ADDITIONAL INFORMATION

Recent Publications

1. Nan A, Filip X, Dan M, **Marincas O**, *Clean production of new functional coatings of magnetic nanoparticles from sustainable resources*, Journal of Cleaner Production, 210, 687-696, **2019**. (IF 5.651)
2. **Marincas O**, Feher I, *A new cost-effective approach for lavender essential oils quality assessment*, Industrial Crops and Products, 125, 241-247, **2018**. (IF 3.849)
3. Moldovan Z, **Marincas O**, Povar I, Lupascu T, Longree P, Rota J S, Singer H, Alder A C, *Environmental exposure of anthropogenic micropollutants in the Prut River at the Romanian-Moldavian border: a snapshot in the lower Danube river basin*, Environmental Science and Pollution Research, 25, 31040-31050, **2018**. (IF 2.800)
4. Magdas D A, Feher I, Dehelean A, Cristea G, Magdas T M, Puscas R, **Marincas O**, *Isotopic and elemental markers for geographical origin and organically grown carrots discrimination*, Food Chemistry, 267, 231-239, **2018**. (IF 4.946)
5. **Marincas O**, Feher I, Magdas D A, Puscas, R, *Optimized and validated method for simultaneous extraction, identification and quantification of flavonoids and capsaicin, along with isotopic composition, in hot peppers from different regions*, Food Chemistry, 267, 255-262, **2018**. (IF 4.946)

Training Courses

1. **Course ISO 17025:2008:** „General requirements for the competence in laboratories”, S.C. KECO S.R.L., 26 July 2010, INCDTIM Cluj-Napoca..
2. **Course „Laboratory Quality Management System and Internal Audit”**, S.C. NQA Romania S.R.L., 24-25 June, 27-28 July 2010, INCDTIM Cluj-Napoca.
3. Short Course: Solid Phase Micro Extraction, Messina, Italy, Dr. Janusz Pawliszyn and Dr. Brabara Bojko, September 2012.

Affiliation

1. National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj – Napoca, Romania www.itim-cj.ro

Data: 28.05.2019

Dr. Olivian Marincaş

