

PERSONAL INFORMATION

Mihaiescu Dan Eduard

 Stoica Ludescu 13, 12213 Bucharest (Romania)

 0729.035.718

 danedmih@gmail.com

Sex M | Date of birth 26 Aug 69 | Nationality Romanian

WORK EXPERIENCE

1987–1989

chemistry operator

I.C.P.E., Bucharest (Romania)

1993–2001

research assistant

UPB, Faculty of Applied Chemistry and Materials Science, Department of Organic Chemistry, Bucharest (Romania)

2001–2008

lecturer

University of Agricultural Sciences and Veterinary Medicine, Department of Botany and Plant Physiology, Bucharest (Romania)

2008–2014

lecturer

UPB, Faculty of Applied Chemistry and Materials Science, Department of Organic Chemistry, Bucharest (Romania)

2014–2016

associated professor

UPB, Faculty of Applied Chemistry and Materials Science, Department of Organic Chemistry, Bucharest (Romania)

2016–present

professor

UPB, Faculty of Applied Chemistry and Materials Science, Department of Organic Chemistry, Bucharest (Romania)

EDUCATION AND TRAINING

1996

Course - Methods of Project Financing

UPG - Ploiesti

2001

Specialization Course – Basic FT-IR, GC-FT-IR and FT-IR microscopy

Nicolet - USA

2003

Specialization Course – NIR Spectrometry

Nicolet - Germany

2003 Specialization Course RENAR – Increasing Confidence and Competence of Testing, the general appearance of SR EN ISO / IEC 17025: 2000

Renar - Bucharest

2004 Pedagogy Course

USAMV - Bucharest

2005 Specialization Course RENAR – HACCP Auditors

Renar - Bucharest

2006 Specialization Course – GC-AED Spectrometry

JAS - Germania

2006 Specialization Course RENAR – SR EN ISO / CEI 17025 Update

Renar - Bucharest

2007 Specialization Course – FT-IR microscopy, advanced applications

Nicolet - USA

2007 Specialization Course – RAMAN Spectrometry

Thermo Scientific - USA

2007 FT-IR, FT-NIR Validation

Thermo Nicolet CZ - Bucharest

2009 2009 Specialization Course RENAR – Training of auditors for quality management system in a laboratory under ISO 17025:2005 and ISO 19011:2002

Renar - Bucharest

2018-2019 Specialization Course for HR-MS – Training stages for high resolution mass spectrometry with Solarix FT-ICR 15T system (ESI, APCI, LC, GC and MALDI sample introduction systems)

Bruker Daltonik – Bremen and Bucharest

2020

2020 Specialization Course RENAR – Training of auditors for quality management system in a laboratory under SR EN ISO 17025:2018, sept.2020

Renar - Bucharest

PERSONAL SKILLS

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	B2	C1	B2	B2	C1
English	B1	B2	B1	B2	C1
French	A2	B1	A2	A2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](http://www.europa.europa.eu/education/languages/docs/cefr_en.pdf)

Communication skills

- Good communication skills acquired in interaction with various clients in collaboration with various companies
- Good interaction skills with students during the teaching activity

Organisational / managerial skills

- Leadership (currently responsible for a team of 10 master and 12 doctoral students), good team leadership skills, research project management, LCABBNC lab. manager (Laboratory for Complex Analysis and Advanced Characterization of Biomolecules, Biomaterials, Nanomaterials and Composite Materials)
- Good organizational skills acquired collaborations to support 85 post-graduate courses on instrumental analysis, quality management and sampling

Job-related skills

- Teaching skills acquired in the education process through undergraduate and postgraduate teaching
- Scientific skills through involvement in research and publication
- Quality management skills through work experience in accredited laboratories
- Main courses experience: Instrumental Analysis (MS, IR, UV-VIS, NMR, advanced techniques, imaging), Organic Chemistry, Natural Products, Solid Phase Synthesis, Forensic Chemistry, Plant Physiology
- Postgraduate courses experience: basic/advanced MS techniques, FT-IR spectrometry, ICP-OES/MS and AA techniques, UV-VIS spectrometry, Sampling and on site analysis – GIS correlation, basic/advanced GC/LC, GC/LC-MS courses
- main research fields of interest: organic chemistry applications, solid phase synthesis, peptide synthesis, plant extracts and characterization, nanotechnology (nanoparticles synthesis and applications, nanofilms, dendrimers), plasma chemistry and SET reactions, flash pyrolysis, biotechnology, oceanography, method development in chromatography and spectrometry, imaging techniques, quality management and analytical method validation
- Hirsh index 20, Researcher unique identifier, Res. ID: I-5523-2014 (<http://www.researcherid.com/rid/I-5523-2014>)

Digital competence

- Operation and Maintenance of Linux / Windows / Android and related software
- Programming C / C ++, PHP, LUA
- Operation of CAD, 3D printing and GIS software
- Operation of computation software for molecular mechanics
- Operation of software for magnetic field modeling
- Operation and programming of analytical instrumentation systems control software

