



Curriculum Vitae



Personal information

First name / Surname
Address
Telephone
E-mail
Nationality
Date of birth

Mihail Simion BELDEAN-GALEA

Cluj-Napoca, Romania
+40-264-307030
simion.beldean@ubbcluj.ro
Romanian

Work experience

Dates
Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector
Dates
Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector
Dates
Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector

October 2016 → present

Associate professor

Teaching analytical chemistry at bachelor, master degree and research focused on analysis and characterization of behavior of pollutants in environment using spectrometric and chromatographic techniques.
Responsible for the Environmental quality and energetic sources Master.
Member of the committee for PhD evaluation

Babeş-Bolyai University Cluj-Napoca, Faculty of Environmental Science and Engineering, Dept. of Analysis and Environmental Engineering, 30 Fantanele street, 400294, Cluj-Napoca, Romania

Public University

July 2007 → September 2016

Lecturer

Teaching analytical chemistry at bachelor, master degree and research focused on analysis and characterization of behavior of pollutants in environment using spectrometric and chromatographic techniques.
Responsible for the Environmental quality and energetic sources Master.
Member of the committee for PhD evaluation

Babeş-Bolyai University Cluj-Napoca, Faculty of Environmental Science and Engineering, Dept. of Analysis and Environmental Engineering, 30 Fantanele street, 400294, Cluj-Napoca, Romania

Public University

April 1999 – April 2006

Chemist, Assistant Researcher and Researcher

Evaluation of the occupational exposure using instrumental techniques (spectrometric and chromatographic techniques)

“Iuliu Moldovan” Institute of Public Health, 6 Pasteur Steet, Cluj-Napoca, Romania

Public health

Education and training

Dates
Title of qualification awarded
Principal subjects/occupational skills covered

October 1992 - June 1996

Bachelor degree

Chemistry and physics

Name and type of organization providing education and training

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

Dates

October 2000 – March 2006

Title of qualification awarded

Doctoral degree

Principal subjects/occupational skills covered

Contribution to food antioxidants analysis using chromatographic techniques

Name and type of organization providing education and training

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

Dates

April 2006 – September 2006

Title of qualification awarded

Post-doctoral position

Principal subjects/occupational skills covered

Modern analytical methods for extraction and GCxGC analysis of tobacco leaves

Name and type of organization providing education and training

Ecole Superieure de Physique et Chimie Industrielles, Paris, France,

Dates

October 2003- December 2003 and April 2004 – June 2004

Title of qualification awarded

Pre-doctoral stage

Principal subjects/occupational skills covered

Training young researchers in miniaturized comprehensive liquid chromatography

Name and type of organization providing education and training

University of Pardubice, Czech Republic

Level in national or international classification

Level 6 - Second stage of tertiary education

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s) self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Written production	
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B1	Basic user	B2	Independent user	A2	Basic user	A1	Basic user	A2	Basic user

(*) [Common European Framework of Reference for Languages](#)

Organizational skills and competences

Quasi-independent organizing of research activity
Experience in creating an electronic data base, in quality control, validation in analytical methods

Technical skills and competences

Use of analytical lab and office modern equipments.

Social skills and competencies

Used to working in multidisciplinary teams, with a significant component of independent activity
Great adaptability to new social environments and work demands;
Highly developed spoken and written communication abilities, gathered through teaching, writing and editing papers, projects, reports, etc.,

Computer skills and competences

Microsoft Office
Statistical SPSS, JMP
Various instrument dedicated software

Other postgraduate trainings

29 May-02nd June 2006 - course in "Comprehensive two dimensional gas chromatography"- Riva del Garda, Italy;

8-9 august 2007 - training in GCxGC-MS-TOF- Institute of France Petroleum, Lyon, France;

14-28 June 2002: Summer School on Rural and Environmental Health organized by The International Institute for Rural and Environmental Health, Trnava, Slovakia.

Research Grants

2015-2016: MICHROSAMP Project - Ro-Fr Bilateral Cooperation, Project No. 774/2014 - "Development of modern microextraction methods coupled with hyphenated and bidimensional chromatographic techniques for the analysis of complex samples" – **Romanian Project leader**

2014-2017: NATO 984440 Project – "A model to predict and prevent possible disastrous effects of toxic pollution in the Tisza River watershed - **Project leader**

2013-2014: FENTONDRUGS Project - Ro-Fr Bilateral Cooperation, Pr. no: 705/2013 "Evaluation of the Fenton and Photo-Fenton degradation processes of some drugs in wastewater using hyphenated and multidimensional chromatographic methods", **Romanian Project leader**

2008-2011: CLEWA Project - "The determination of the mechanism of the penetration of organic and inorganic pollutants in the water destined to the great urban agglomeration in Cluj and Salaj counties" founded by the Romanian National Research Agency, Pr.no: 32127/2008, member

2009-2010: RoFrAM Project, Ro-Fr Bilateral Cooperation, Pr. no: 213-1/2009, member

2007-2010: BEVCOLOR Project – "Elaboration of some performance methods for determination of colorants in drinks for increasing of foods quality and the security", founded by the Romanian National Research Agency, Pr.no: 51-072/2007, member

2007-2009: AERURBAN Project – "Monitoring of urban air quality in the actual climate content", founded by ANCS, Pr.no. 91/13.09.2007, **member and Project leader**

2005-2006: ESTROM-Waqua Project - Research Project and Student Training in determination of THM's in river water, founded by SNSF and SDC from Switzerland, member

Scientific activity

Member in organizing committee of different scientific events

●17th International Symposium on Separation Sciences, 05-09 September 2011, Cluj-Napoca, Romania, web-page: <http://www.17isscluj2011.org/>

●Transylvania Summer School in Chromatography 04-09 September 2011, Cluj-Napoca, Romania, web-page: <http://www.tssc2011.ilive.ro/>

●Xth Annual Forum of Eurachem-Romania, 27-28 may 2011, Cluj-Napoca, web-page: <http://www.eurachem.ro>

●Transylvania Summer School in Chromatography, 14-20 July 2010, Cluj-Napoca, Romania, web-page: <http://www.tssc2010.go.ro/>

Awards and invitation

01-30 September, **2016** – Invited researcher, Ecole Superieure de Physique et de Chimie Industrielles (ESPCI-Paris), Paris, France.

01 -30 September, **2015** – Invited researcher, Ecole Superieure de Physique et de Chimie Industrielles (ESPCI-Paris), Paris, France.

12-18 May, **2015** - Teacher CEEPUS mobility, University of Pardubice, Czech Republic

22 August-01 October, **2014** – Invited researcher, Ecole Superieure de Physique et de Chimie Industrielles (ESPCI-Paris), Paris, France.

28 Iulie-01 August, **2014** - Teacher CEEPUS mobility, Nicolaus Copernicus University in Torun, Poland

01-30 September, **2013** – Invited researcher, ESPCI, Paris, France.

07-13 April, **2013** - Teacher CEEPUS mobility, University of Pardubice, Czech Republic

01-30 September, **2012** – Invited researcher, ESPCI, Paris, France.

2011 – "Diploma de onoare" awarded by Romanian Chemical Society for promotion of chemistry

04 July – 03 August, **2011** – Invited researcher, ESPCI Paris, France.

10 September- 09 October, **2010** – Invited researcher, ESPCI, Paris, France.

04-13 May, **2010** - Teacher CEEPUS mobility, Medical University of Gdansk, Poland

Affiliations

Member of Romanian Chemical Society (SChR)

Member of European Society of Separation Science (EuSSS)

Member of Central European Group for Separation Sciences (CEGSS)

Publications

3 books as first author in printed format published in Romanian publishing houses

1 chapter in a collective volume published at an international publishing house

1 course support in electronic format

1 volume of abstracts edited

21 articles published in ISI journals

3 extensive abstracts published in ISI journals

6 articles published in BDI journals

9 articles published in Romanian journals recognized by CNCSIS

20 abstracts published in volumes of scientific manifestations in the country and abroad