



# Europass Curriculum Vitae

## Personal information

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**Nationality** Romanian  
**Date of birth** 01.01.1957  
**Gender** F

## Occupational field

### Work experience

**Occupation or position held** chemist  
**Dates** 1990-present  
**Occupation or position held** 2004-Assoc. Prof.  
 1996-2004 Lecturer  
 1990-1996 Assist. Prof.  
**Main activities and responsibilities** Teaching (Analytical chemistry, Instrumental Analysis, Instrumentation and analysis in clinical laboratory, Environmental legislation and demands for accrediting environmental analysis laboratory), Laboratory activity  
**Name and address of employer** University Babes-Bolyai, Cluj-Napoca  
**Type of business or sector** Teaching, Research  
**Dates** 1985-2000  
**Occupation or position held** Chemist  
**Main activities and responsibilities** Testing chemical instrumentation  
**Name and address of employer** Research Institute for Chemical instrumentation, Bucharest, Cluj-Napoca Branch  
**Type of business or sector** Research  
**Dates** 1984-1985  
**Occupation or position held** Chemist  
**Main activities and responsibilities** Chemical analysis related to steel composition  
**Name and address of employer** Heavy Machine Plant, Cluj-Napoca  
**Type of business or sector** Laboratory activity  
**Dates** 1981-1984  
**Occupation or position held** Chemist  
**Main activities and responsibilities** Chemical analysis related to the production of high purity silicon  
**Name and address of employer** Institute for Research and Production of Semiconductors Bucharest  
**Type of business or sector** Laboratory activity

## Education and training

Period	1997- <ul style="list-style-type: none"> <li>▪ Autumn School on Environmental Sciences, Visegrad, 5-12 October, 1997</li> <li>▪ Courses:           <ul style="list-style-type: none"> <li>▪ <b>ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories</b>, Bucharest, 29-30 Nov. 2006</li> <li>▪ Validation of analysis methods. Evaluation of uncertainty of measurements. Cluj-Napoca, 29- 30 May 2007.</li> <li>▪ SR EN ISO 19011:2003. <b>Guidelines for quality and/or environmental management systems auditing</b>. Cluj-Napoca, 21-25 mai, 2007</li> <li>▪ International Training Workshop on Environmental and Occupational Health, Sept. 8-11 2008, Cluj-Napoca: <i>Principles of Environmental Science and Engineering. Solving Environmental Problems Through the Understanding of Risk and Environmental Processes</i>, Institute of International Health, Michigan State University, Univ. Tehnică Cluj-Napoca, Institutul de Sănătate Publică București, Univ. Politehnica București</li> </ul> </li> </ul>
Dates	1992-1999 Doctoral program in Analytical Chemistry
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Instrumental analysis. Determination of several trace elements in biological and environmental samples by emission spectrometry in low power plasma sources
Name and type of organisation providing education and training	University Babes-Bolyai- Cluj-Napoca, Romania
Level in national or international classification	Ph.D., Analytical Chemistry
Dates	1980-1981 Master Program
Title of qualification awarded	MSc in Inorganic chemistry
Principal subjects/occupational skills covered	Techniques used for the characterization and analysis of inorganic compounds
Name and type of organisation providing education and training	University Babes-Bolyai- Cluj-Napoca, Romania
Level in national or international classification	MSc
Dates	1976-1980 Undergraduate student
Title of qualification awarded	Degree in Chemistry
Principal subjects/occupational skills covered	Chemistry
Name and type of organisation providing education and training	University Babes-Bolyai- Cluj-Napoca, Romania
Level in national or international classification	Bachelor's degree

## Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

*European level (\*)*

**French**

**English**

**German**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C1	C1	
B2	B2	B1	B1	B2	
B2	B2	B1	B1	B1	

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Social skills and competences	Good capacity to integrate in work teams, good communication
Organisational skills and competences	Experience acquired during national and international research projects as responsible, team member with financial responsibilities, quality manager. Coordinator Master Program Clinical Chemistry
Technical skills and competences	Atomic absorption and emission spectrometry, UV-VIS Molecular spectrophotometry, Validation of analysis methods, Heavy metals in the environment and their health effects, Fractionation techniques of heavy metals in environmental samples Member in Research Center ANALYTICA <a href="http://www.chem.ubbcluj.ro/~ecovaci/Analytica/Analytica_ro/index.html">http://www.chem.ubbcluj.ro/~ecovaci/Analytica/Analytica_ro/index.html</a> Reviewer for Talanta, Microchem. J, Studia Univ. CHEMIA
Computer skills and competences	Microsoft Office
Other skills and competences	Design, bricolage
Driving licence	B Category
<b>Additional information</b>	
<b>Publications</b>	Co-author of 3 books and 2 chapters in books published in Romania, co-author of 1 chapter in a monograph published abroad, 68 papers in ISI journals, other studies in journals and Proceedings of International and national Conferences. Hirsch Index 17. Total number of citations:767 (dec.2021) ResearcherID J-8880-2012