Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Gabriela Nicoleta Nemes**
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E-mail	gabriela.nemes@ubbcluj.ro;
Nationality	Romanian
Date of birth	22.11.1971

Desired employment / Occupational field	**Profesor /Chemistry**

Work experience

2012 – present, Dean, Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca, Romania

2010 – 2012, Scientific Secretary, Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca, Romania

2021- present, Professor, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

2014-2021, Associate professor, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

2005 –2014, Senior Lecturer, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

2001 – 2005, Junior Lecturer, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

Education and training

March 2021

Habilitation in the doctoral field of Chemistry

Dates	January 2002 - February 2004
Title of qualification awarded	Post-doctoral studies
Principal subjects/occupational skills covered	Synthesis, characterization and reactivity studies of heterocumulenic derivatives containing heavy main group elements
Name and type of organisation providing education and training	University Paul Sabatier, Toulouse, France/ Laboratoire Heterochimie Fondamentale et Appliquee
Dates	October 1997-November 2001
Title of qualification awarded	PhD in Chemistry
Principal subjects/occupational skills covered	Synthesis, structure and reactivity of organic derivative of main groups “p” elements
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
Dates	October 1996- June 1997
Title of qualification awarded	Master of Science in Chemistry
Principal subjects/occupational skills covered	Synthesis, characterization and reactivity studies of coordination compounds
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
Dates	October 1991-June 1996
Title of qualification awarded	BSc in Chemistry
Name and type of organisation providing education and training	Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

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Mother tongue(s)	Romanian
Self-assessment	
English	B2
French	C1
	Courses taught: General Chemistry, Inorganic Chemistry III, Practical course of Inorganic Chemistry, Ecological chemical products and processes **Research interests:** Synthesis, structural characterisation (physico-chemical methods) and reactivity study of organometallic and coordinative derivatives, particularly, study of unsaturated derivative containing heavy main group elements (such as Si, Ge, Sn, P etc). Computational chemistry, (ab-initio, DFT and semiempirical methods, NBO analysis). **Other:** Trainer's professional competences certificate 2009 Tutor in the PIR program 2003
	Project coordinator: 3 national projects **Project manager : 3 national projects** **Member of 23 team of research grants** **Member in the organizing committee** of conferences MOLMOD Member of the Romanian Society of Chemistry
Technical skills and competences	Synthesis, structural characterisation (phisico-chemical methods) and reactivity study of inorganic and organometallic derivatives; computational chemistry (ab-initio, DFT and semiempirical methods) Using the following programs for text or image editing: Word, Excel, ChemOffice Ultra 2008 ChemWin 6.0, special visualization programs for RX, RMN, IR or UV-Vis (ORTEP, Mercury, MestreC, Mestre-Nova, Jasco Spectra Manager) Special programs for theoretical calculations (Spartan, Hyperchem)
Stays abroad	**1998-2011**, 8 research stages at University Paul Sabatier, Toulouse **2003-2004** NATO postdoctoral stage- University Paul Sabatier, Toulouse
Awards	The Reghina &Engelbert Stukenborg Foundation award 2002 Babes-Bolyai University awards in 2010 and 2011 “Gheorghe Spacu” award of Romanian Academy 2016
Publications	Scientific articles: **82** Books: **1** Chapters in Books: **1** Participation in conferences: **over 70**

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