Nora CHIOREAN

Chim. Dr. Eng. – Babeṣ-Bolyai University, Cluj – Napoca, Romania

Born: 25.04.1980

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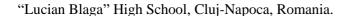
Education

• Oct. 2011 - Sep. 2018 Doctor in Chemistry

Titlul tezei: "Contributions to the chemistry of some classes of elementorganic compounds of selenium, tellurium and tin"

• Oct. 2006 – Iul. 2007 **MSc** in chemistry, Specialty: Modern methods for quality control and environmental assessment

• Oct. 1999 – Iul. 2004 BSc Chemical Engineering, Specialty: Organic Substances Technology



Professional experience

Employing unit: Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering 11 Arany Janos street, 400028, Cluj-Napoca, Romania

• Mar. 2017 – Prezent Chemist

2012 – Nov. 2014 Research Assistant
Mar. 2021 – Dec. 2023 Research Assistant

Main activities and responsibilities

 Synthesis and structural characterization of new coordination and organometallic compounds containing chalcogen (S, Se, Te) and their complexes with metals from groups 14 and 15.

Didactic activity

• General Chemistry, Inorganic Chemistry, Basic Inorganic Product Technology.

Specializations

• Oct. 2022. – Iun. 2023 Psychopedagogical training program Level I.

Personal skills and competences

Native language Romanian						
Foreign language(s) known		Understanding		Speaking		Writing
Self assessment		Listening	Readin	Participating in	Speaking	
			g	conversation		
English		B2	B2	B2	B2	B2
French		A1	A1	A1	A1	A1
(*) Common European Framework of Reference for Languages						

Organisational skills and competences

- Member 2 national projects: PCE-2011-3-0659 and PCE-2020-2651
- Member of the Organizing Committee at 1 international conference:
 - Chemia Napocensis 100 years since the establishment of the Romanian-language chemistry school in Cluj, 2019
- Assistant Manager "Say Yes to the career of a chemist" Innovative actions to reduce dropout funded by the Ministry of National Education and Scientific Research through the project on secondary education -Romanian Secondary Education Project (ROSE) 2019-2022
 Monitoring expert – ROSE Open Chem project



Technical skills and competences

- Preparative coordination and organometallic chemistry synthesis of coordination / organometallic compounds of chalcogens in an inert atmosphere, using specific inorganic and organic precursors;
- Structural investigation of precursors and new compounds by: FT-IR, multinuclear NMR, mass spectroscopy.
- User of Bruker 300, 400, and 600 MHz NMR spectrometers.
- Skills in using the Office package (Word, Excel, PowerPoint)
- Skills in using the programs necessary to interpret data from the specialized area (ChemDraw, MNova, Diamond)
- Member of the Romanian Chemistry Society.

Scientific Papers

- Published articles: 3
- Participation in national conferences: 1