

## Nora CHIOREAN

Chim. Dr. Eng. – Babeş-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 element-organic 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

“Lucian Blaga” High School, Cluj-Napoca, Romania.

### Professional experience

Employing unit: Babeş-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				
	Understanding		Speaking		Writing
Foreign language(s) known	Listening	Reading	Participating in conversation	Speaking	
Self assessment					
English	B2	B2	B2	B2	B2
French	A1	A1	A1	A1	A1
(*) <i>Common European Framework of Reference for Languages</i>					

### 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*