



PERSONAL INFORMATION

LAR CLAUDIA

 National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Cluj-Napoca, Romania

 +40 (0) 264584037 ext 230

 claudia.lar@itim-cj.ro

Sex Female | Date of birth 02/05/1980 | Nationality Romanian

WORK EXPERIENCE

- 2017-present **Scientific Researcher**
 •National Institute for Research and Development of Isotopic and Molecular Technologies (NIRDIMT), Donat Street, 67 - 103, Cluj-Napoca, Romania
 •Synthesis and analysis of isotopic labelled (¹³C, ¹⁵N) organic and inorganic compounds.
- 2013-2016 **Research Asistent**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Synthesis and structural analysis of some new macrocycles with biphenyl core; Synthesis, structural analysis study of complexation properties for some „cage” molecules with 1,3,5-triazine unit.
- 2011-2012 **Research Asistent**
 •Faculty of Pharmacy, „Iuliu-Hatieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania
 •Teaching activity (laboratories and seminars)
- 2011-2013 **Postdoctoral Researcher (POSDRU /89/1.5/S/60189)**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Synthesis of new compounds with terpyridine core and their self-assembly properties on gold surface
- 2008-2010 **Research Asistent**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Synthesis and conformational analysis of new terpyridine derivatives; Design, synthesis and structural analysis of some new biphenyl derivatives; Characterization of organic molecules using techniques such as: NMR, IR, MS, HPLC, UV-Vis, FL.

EDUCATION AND TRAINING

- 2005-2010 **PhD in Chemistry**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Title of thesis „Design, Synthesis and Structural Analysis of some Podands and Polyheteroaromatic Macrocylic Compounds”
- 2004-2005 **M.Sc. in Advanced Organic Chemistry**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Synthesis and Structural Analysis of some 1,3-Dioxanes and 1,3-Oxathianes compounds.
- 2000-2004 **B.Sc. in Chemistry-Physics**
 •Faculty of Chemistry and Chemical Engineering, „Babes-Bolyai” University, Cluj-Napoca, Romania
 •Synthesis and Structural Analysis of some 1,3-Dioxanes compounds.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B2	B1	B1	B1
German	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills

- 07.2011-03.2013 **Postdoctoral Fellowship** POSDRU /89/1.5/S/60189 entitled: " Terpyridine compounds with possible applications in self-assembly monolayers on gold surfaces"
- 31.07.2012-23.08.2012- **Project Manager course** (skills: setting the purpose of the project, setting management requirements, activity planning, cost and operational resource management, procurement procedures, project management, project quality management) - course conducted by IFES Cluj (Institute for Economic and Social Training, Cluj-Napoca).
- 09.2008 - 02.2009 **Grant Director** for TD project (TD-415), funded by the National Council for Scientific Research in Higher Education (CNCSIS). Within this grant a project was proposed (and managed) entitled "Synthesis and structural analysis of new terpyridine derivatives with possible applications in different fields"

Other skills

- Skills in the operation of Windows systems; (Microsoft Office: Word, Excel, PowerPoint, Origin, etc.), chemistry software (MestreC, MestreNova, TopSpin, ChemDraw, Mercury, Diamond) and scientific databases (SciFinder, Reaxys).
- Skills in the operation of chemical analysis equipment (MRI, UV-Vis, Fluorescence, GC).
- Ability to work independently and as a team (member of scientific research teams), tutor for bachelor's / master's degrees.

Driving licence B