

PERSONAL INFORMATION

Anamaria Lavinia Corjuc (nèe Rahovan)



✉ anamaria.rahovan@ubbcluj.ro

Sex Female | Date of birth 03/09/1991 | Nationality Romanian

WORK EXPERIENCE

19.12.2022 – present

ChemistBabes-Bolyai University, Faculty of Chemistry and Chemical Engineering
11 Arany Janos, 400028, Cluj-Napoca, Romania

15.03.2021 – present

Scientific research assistant in the project PN-III-P4-ID-PCE-2020-1028Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering
11 Arany Janos, 400028, Cluj-Napoca, RomaniaTitle project: *Tailoring organochalcogen (Se, Te) based compounds with potential as antitumor agents*

04.10.2021 – 01.03.2023

Associate teacherBabes-Bolyai University, Faculty of Chemistry and Chemical Engineering
11 Arany Janos, 400028, Cluj-Napoca, Romania

15.02.2019 – 31.12.2019

Scientific research assistant in the project PN-III-P4-ID-PCE-2016-0857Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering
11 Arany Janos, 400028, Cluj-Napoca, RomaniaTitle project: *Organopnicogen (Sb, Bi) compounds as catalysts and/ or reagents in organic chemistry*

EDUCATION AND TRAINING

01.10.2018

PhD student

Babes Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Cluj Napoca (Romania)

Synthesis and characterization of new organoantimony(III) and organobismuth(III) compounds and potential application.

2013–2015

Master's Degree

Babes Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca (Romania)

Organoantimony(III) aryloxide – synthesis and structural characterization

2010–2013

Degree in Chemistry

Babes Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca (Romania)

Reactions of $[2-(\text{Me}_2\text{NCH}_2)\text{C}_6\text{H}_4\text{SbO}]_3$ with $\text{PhP}(\text{O})(\text{OH})_2$, $2,4,6\text{-Me}_3\text{C}_6\text{H}_2\text{B}(\text{OH})_2$, $\text{Me}_5\text{C}_6\text{B}(\text{OH})_2$ and CF_3COOH

2010–2015 **Graduate certificate “Department for Teacher Training “ Level I and Level II**
 Babes-Bolyai University, Department for Teacher Training Cluj-Napoca (Romania)
 Didactics of the speciality, Psychology
 Title project of level II: *Deep learning*

PERSONAL SKILLS

Mother tongue(s) Ukrainian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Romanian	C2	C2	C2	C2	C2
Russian	C2	C2	C2	C2	C1
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Strong-minded, forward-thinking, strict person, but communicative, friendly, helpful and patient (consulting with colleagues or in researching),
 Opened to new and unknown things,
 Capable to work in group (Team-work in research in Standard Penetration Test), but alone with more results,
 Adaptability to almost all situations.

Job-related skills

Skills in synthesis of organoantimony(III) and organochalcogen compounds under inert atmosphere.
 Experience for operating NMR Bruker 400 and 600 MHz spectrometers.
 Spectral analysis – structural investigation for precursors and new compounds with multinuclear NMR, mass spectrometry and UV-vis.
 Didactic skills accumulated by teaching General Chemistry and Inorganic Chemistry.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

- good command of Microsoft Office (Word, Excel, Project, Power Point)
 - good use of specific chemistry software (MestReNova, Diamond, ChemBioDraw Ultra, Xcalibur) and databases (Reaxys, Sci Finder, Cambridge Structural Database)

Other skills

-Flexible: manageable, adaptable
 -Calm: stillness, peaceful, undisturbed
 -Careful: watchful, concerned for
 -Hardworking

Driving licence B

ADDITIONAL INFORMATION

Publications

- Lavinia Corjuc, Alexandra Pop, Emilia Licarete, Manuela Banciu, Anca Silvestru, On the coordination behaviour of diorganochalcogen ligands of type $(2\text{-MeC}_6\text{H}_4\text{CH}_2)_2\text{E}$ (E = S, Se). Silver(I) complexes with potential for biological applications, *Applied Organometallic Chemistry*, **2023**, in press.
- Lavinia Corjuc, Anca Silvestru, Cristian Silvestru, New organobismut compounds based on a tetrahydridibenzo[c,f][1,5]azabismocine heterocyclic framework, *Revue Roumaine de Chimie*, **2023**, 68(5–6), 209–215.

Conferences

- Anamaria-Lavinia Corjuc, Ciprian Ionuț Raț, New Hypercoordinated Organoantimony(III) Compounds. Poster presentation at *9th International Conference of the Chemical Societies of the South-East European Countries*, 8-11th of May 2019, Târgoviște, Romania.
- Anamaria-Lavinia Corjuc, Anca Silvestru, Silver Complexes with Diorganochalcogen Ligands of Type $(2\text{-BrC}_6\text{H}_4\text{CH}_2)_2\text{E}$ (E = S, Se). Oral presentation at *3rd Young Researchers' International Conference on Chemistry and Chemical Engineering*, 4-5th of June 2021, Cluj-Napoca, Romania
- Anamaria-Lavinia Corjuc, Anca Silvestru, Silver Complexes with Diorganochalcogen Ligands of Type $(2\text{-XC}_6\text{H}_4\text{CH}_2)_2\text{E}$ (E = S, Se; X = Br, CH₃). Oral presentation at *Zilele Academice Clujene*, 21-22nd of October 2021, Cluj-Napoca, Romania.
- Anamaria-Lavinia Corjuc, Anca Silvestru, Solution behaviour and solid state structure of organoantimony(III) compounds. Poster presentation at *36th Conferința Națională de Chimie*, 4-7th of October 2022, Călimănești-Căciulata, Romania.
- Anamaria-Lavinia Corjuc, Anca Silvestru, Structural aspects in silver complexes with diorganochalcogen ligands of type $(2\text{-XC}_6\text{H}_4\text{CH}_2)_2\text{E}$ (E = S, Se; X = Br, CH₃). Oral presentation at *4th Young Researchers' International Conference on Chemistry and Chemical Engineering*, 1-3 of June 2023, Debrecen, Hungary.