



Andrei-Dănuț Dănilă

Date of birth: 02/12/2001 | **Place of birth:** Neamț County, Piatra Neamț Municipality, Romania |

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ABOUT ME

Thanks to the laboratories that I have followed through university, both in the teaching and research domain, I acquired teamworking and research experience.

My public speaking skills have been improved after attending multiple conferences, with both posters and oral presentations.

WORK EXPERIENCE

CHEMIST (PROJECT PN-IV-P1-PCE-2023-0966) – BABEȘ-BOLYAY UNIVERSITY, FACULTY OF CHEMISTRY AND CHEMICAL ENGINEERING – 01/04/2025 – Current – CLUJ-NAPOCA, ROMANIA

Synthesis of organochalcogen compounds

Analysis of chemical compounds

Writing of papers in chemistry

UNQUALIFIED WORKER – SC RIFIL SA – 13/07/2021 – 13/09/2021 – SĂVINEȘTI, ROMANIA

Factory work and maintenance

EDUCATION AND TRAINING

10/2025 – CURRENT Cluj-Napoca, Romania

PHD STUDENT IN CHEMISTRY Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering

Website <https://chem.ubbcluj.ro/> | **Field of study** Chemistry

2023 – 2025 Cluj-Napoca, Romania

MASTER IN CHEMISTRY Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering

Website <https://chem.ubbcluj.ro/> | **Field of study** Chemistry

2020 – 2023 Cluj-Napoca, Romania

BACHELOR IN CHEMISTRY Babeș-Bolyai University, Faculty of Chemistry and Chemical Engineering

Website <https://chem.ubbcluj.ro/> | **Field of study** Chemistry

CONFERENCES AND SEMINARS

24/08/2025 – 25/08/2025 Jena, Germany

12th Workshop on Selenium Sulfur Redox & Catalysis 2025

Andrei-Dănuț Dănilă and Alexandra Pop, Poster presentation with the title "Synthesis, characterization and reactivity of new organoselenium compounds containing 2-methyl-5(4H)-oxazol-5(4H)-one"

Link <https://www.sesredcat.org/wses/wses-12/>

09/04/2025 – 13/04/2025 Cluj-Napoca, Romania

International Conference "Students for Students" 2025

Andrei-Dănuț Dănilă and Alexandra Pop, Oral presentation with the title "Synthesis, characterization and reactivity of new organoselenium compounds containing 2-metyloxazol-5(4H)-one"

Link <https://osccluj.ro/international-conference-students-for-students/>

17/04/2024 – 20/04/2024 Cluj-Napoca, Romania

International Conference "Students for Students" 2024

Andrei-Dănuț Dănilă and Alexandra Pop, Oral presentation with the title "Synthesis, structural characterization and coordination behaviour of [(4-{2-CH₃-(4H)-oxazol-5-one}CHC₆H₄)₂Se"

Link https://chem.ubbcluj.ro/studenti/files/PROGRAM_ICSFS_XX.pdf

● PUBLICATIONS

Synthesis and structural characterization of silver(I) and gold(I) metal complexes containing a new homoleptic diorganoselenium(II) ligand

Andrei-Dănuț Dănilă, Cosmina Bohan, Nora Chiorean, Emese Gal and Alexandra Pop, *Rev. Roum. Chim.*, **2025**, 70(11-12), 789-796. DOI: 10.33224/rrch.2025.70.11-12.06

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	B2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Google Drive | Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft PowerPoint | Good command of Chemistry software (ChemDraw, MestreNova, Mendeley);

● HOBBIES AND INTERESTS

Hobbyies

Reading books

Learning about chemical phenomena from hobbyists and professionals

Sports and music