



Alexia Mihaela Frincu

Date of birth: 27/07/1997 | **Nationality:** Romanian | **Gender:** Female | **Phone:** (+40) 0722196503 (Mobile) | **Email address:** mihaelaalexiafrincu@gmail.com | **Email address:** alexia.frincu@ubbcluj.ro | **Address:** No. 2, Calea Romanului St., Traian , 617398, Sabaoani, Romania (Home)

● ABOUT MYSELF

I am a dedicated chemistry researcher and PhD student at Babes-Bolyai University in Cluj-Napoca, Romania. With a Bachelor's degree in Chemistry from the University of Bucharest and a Master's degree in Clinical Chemistry, my expertise lies in organic synthesis and chemical analysis. I have gained valuable practical experience through internships at the National Institute of Endocrinology C.I. Parhon and Microsin SRL in Bucharest.

● WORK EXPERIENCE

01/09/2022 - CURRENT - CLUJ -NAPOCA, ROMANIA

RESEARCH ASSISTANT IN SCIENCE BABES-BOLYAI UNIVERSITY

01/07/2018 - 22/07/2018 - BUCHAREST, ROMANIA

INTERNSHIP NATIONAL INSTITUTE OF ENDOCRINOLOGY C.I. PARHON

01/07/2017 - 21/07/2017 - BUCHAREST, ROMANIA

INTERNSHIP MICROSIN.SRL

● EDUCATION & TRAINING

01/10/2021 - Current - CLUJ-NAPOCA, ROMANIA

PHD STUDENT IN CHEMISTRY- BABES-BOLYAI UNIVERSITY

Field(s) of study:Chemistry | **Address:** 1, Mihail Kogalniceanu StreetRO-400347

01/10/2019 - 30/06/2021 - CLUJ NAPOCA, ROMANIA

MASTER'S DEGREE IN CLINICAL CHEMISTRY- FACULTY OF CHEMISTRY AND CHEMICAL ENGINEERING, BABEȘ BOLYAI UNIVERSITY

Field(s) of study:Chemistry , Biochemistry | **Final grade:** 9.50 (nine 50%) | **Type of credits:** ECTS | **Number of credits:** 130 | **Thesis:** Obtaining an N-heterocyclic carbene catalyst – copper(I) and some cyclic peptides | **Address:** 11, Arany Janos St.RO-400028 | **Website:** <http://chem.ubbcluj.ro/en/index.html>

01/10/2016 - 30/06/2019 - BUCHAREST, ROMANIA

BACHELOR DEGREE IN CHEMISTRY- FACULTY OF CHEMISTRY, UNIVERSITY OF BUCHAREST

Synthesis and characterization of organic compounds.

Field(s) of study:Chemistry | **Final grade:** 9.57 (nine 57%) | **Type of credits:** ECTS | **Number of credits:** 192 | **Thesis:** Synthesis of polyaryl compounds using the SUZUKI coupling reaction in aqueous medium | **Address:** 4-12, Regina Elisabeta Street 90 Panduri Street, District 5 050663 | **Website:** <https://www.chimie.unibuc.ro/index.php>

15/09/2012 - 30/05/2016 - ROMAN, ROMANIA

THE DIPLOMA OF HIGH SCHOOL GRADUATION (BACCALAUREATE)- "ROMAN VODA" NATIONAL

COLLEGE (HIGH SCHOOL)

Address: 4, Mihai Eminescu Street611028 | Website: <http://cnrv.ro/contact/>

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1
FRENCH	B1	B1	A2	A2	A2

● SKILLS

Microsoft Word | Microsoft Office | Microsoft Excel | Zoom | Microsoft Powerpoint | Skype | MestReNova | Chemscatch | ChemDraw Professional | Graphics and Chemistry Softwares (Inkscape, Xcalibur, Dmfit) | Xcalibur

● CONFERENCES & SEMINARS

30/06/2024 - 05/07/2024 Liege

18th Belgian Organic Synthesis Symposium

04/10/2022 - 07/10/2022 Călimănești-Căciulata, Vâlcea, (Romania)

the XXXVI National Chemistry Conference, 2022

Links <https://chimcomplex.com/en/national-chemistry-conference-2022/>

24/05/2019 - 25/05/2019 Bucharest, Romania

SCIENTIFIC STUDENT COMMUNICATIONS SESSION

08/05/2019 - 11/05/2019 Targoviste, Dambovita, Romania

9th International Conference of the Chemical Societies of the South-East European Countries

Links <http://icstm.ro/ICOSECS9>

● VOLUNTEERING

15/10/2016 - 15/11/2017 Bucharest, Romania

Chemistry Students Association of the University of Bucharest

● PUBLICATIONS

Synthesis of

2-(2-((5''-(4-Cyanophenyl)-3,4',4''-trioctyl[2,2':5',2''-terthiophen]-5-yl)methylene)-3-oxo-2,3-dihydro-1H-indoliz-2-ylidene)malononitrile

Alexia M. Frîncu, Cătă Lidia, Bălăceanu David, Grosu Ion, Andreea P. Terec, Anamaria Terec. MDPI Frîncu, A. M., Căta, L., Bălăceanu, D., Grosu, I., Crișan, A. P., & Terec, A. (2025, Molbank, 2025(3), M2038. . Molbank 2025(3), M2038.