



Codruta Frincul

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WORK EXPERIENCE

06/08/2024 – CURRENT Iasi, Romania

RESEARCH ASSISTANT "PETRU PONI" INSTITUTE OF MACROMOLECULAR CHEMISTRY

Project: **PNRR-III-C9-2023-I8-99**

- Organic synthesis to obtain the ligands foreseen in the project;
- Purification and structural characterization of the target organic intermediates and ligands using appropriate techniques;
- Analysis and interpretation of the results;
- Preparing research reports and presenting results at group meetings or conferences;
- Compliance with laboratory safety and ethical standards.

03/10/2022 – CURRENT Iași, Romania

PHD STUDENT DOCTORAL SCHOOL OF CHEMISTRY, "ALEXANDRU IOAN CUZA" UNIVERSITY OF IASI

Synthesis of 1,2,3-triazole derivatives
Synthesis of glycosidic derivatives
Characterization and purification of compounds
Processing of NMR, IR spectra

01/09/2023 – 31/08/2024 Iași, Romania

TEACHER SECONDARY SCHOOL "IONEL TEODOREANU"

Business or Sector Education | **Department** Chemistry | **Email** scoala4is@yahoo.com |

Website <http://www.scoalaionelteodoreanuiasi.ro/>

01/09/2022 – 31/08/2023 Vlădeni , Romania

TEACHER TECHNICAL HIGH SCHOOL VLĂDENI

Business or Sector Education | **Department** Chemistry | **Address** DC5,707592 Vlădeni [Iași], Vlădeni , Romania |

Email gsv_is@yahoo.com

Link <https://saygaxx.wixsite.com/liceulvladeni>

EDUCATION AND TRAINING

10/2022 – CURRENT Iasi, Romania

PHD STUDENT Doctoral School of Chemistry, "Alexandru Ioan Cuza" University of Iasi

Address Carol I Boulevard no. 11, 700506 Iasi (Romania), Iasi, Romania |

Field of study Natural sciences, mathematics and statistics

MASTER'S DEGREE Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi [10/2020 – 07/2022]

Address Carol I Boulevard no. 11, 700506 Iasi (Romania) | **Field of study** Clinical Chemistry | **Final grade** 10

BACHELOR'S DEGREE Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi [10/2017 – 07/2020]

Address Carol I Boulevard no. 11, 700506 Iasi (Romania) | **Field of study** Medical Chemistry | **Final grade** 9.62

HIGH SCHOOL DIPLOMA "Dragoș Voda" National College [2013-2017]

Address Strada Liceului 1, 725100 Campulung Moldovenesc (România) |

Field of study Natural sciences, mathematics and statistics

GRADUATE CERTIFICATE - OCCUPATIONAL SAFETY AND HEALTH INSPECTOR "Alexandru Ioan Cuza" University of Iași [3-15.02.2020]

Address Carol I Boulevard no. 11, 700506 Iasi (Romania) | **Field of study** Safety and health at work inspector

CERTIFICATE OF COMPLETION OF THE PSYCHO-PEDAGOGICAL TRAINING PROGRAM "Alexandru Ioan Cuza" University of Iași [2017-2022]

Address Carol I Boulevard no. 11, 700506 Iasi (Romania) | **Field of study** Teacher training with subject specialisation

01/06/2024 – 31/07/2024

RESEARCH INTERNSHIP JUNIA, Laboratory of Sustainable Chemistry and Health, TRD Health & Environment

Synthesis of experimental therapeutic agents, green synthesis (sonication, mechanochemistry), purification of compounds by flash chromatography, physicochemical analyses (NMR ^1H and ^{13}C , IR, melting point, etc), bibliographic study (SciFinder, etc).

Supervising professor: Prof. Dr. Alina Ghinet

Address 2 rue Norbert Ségard BP, 41290 59014, Lille (France) | **Field of study** Natural sciences, mathematics and statistics

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

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

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

DIGITAL SKILLS

Microsoft Office (Word, Excel, Power Point) | Chemdraw | Utilizarea software chimic(ChemDraw, TopSpin)

VOLUNTEERING

Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi,[6.04.2019] [04.05-05.05.2022]

Volunteer

CONFERENCES AND SEMINARS

23/06/2023 – 23/06/2023 Iași, România

Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor "CHIMIA - FRONTIERA DESCHISA SPRE CUNOASTERE", editia a XIV-a

C-alkylation reactions of 4- substituted 1-(benzoylmethyl)- 1,2,3-triazole, Codruta Frincul, Elena Bicu, Catalina-Ionica Ciobanu, Sergiu Shova, Dalila Belei
Poster

28/10/2022 – 28/10/2022 Iași, România

Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor "CHIMIA - FRONTIERA DESCHISA SPRE CUNOASTERE", editia a XIII-a

New glycosidic derivatives with heterocyclic skeleton, Codruta Frincul, Elena Bicu, Alina-Brindusa Petre, Dalila Belei

Poster

New 1,4-disubstituted 1,2,3-triazole derivatives, Ana Maria Trofin, Codruta Frincul, Catalia-Ionica Ciobanu, Dalila Belei

Poster

04/06/2022 – 04/06/2022 Iași, România

Sesiunea națională metodico-științifică " METODE DE ÎNVĂȚĂMÂNT PENTRU CHIMIE", ediția a 50-a

Proiectarea unei strategii didactice la tema "Substanțe compuse", Codruta Frincul, Dalila Belei

Comunicare orală

11/11/2023 – 11/11/2023 Iași, România

Sesiunea națională metodico-științifică " METODE DE ÎNVĂȚĂMÂNT PENTRU CHIMIE", ediția a 51-a

Experimentul de laborator. Metodă eficientă de învățare, Codruta Frincul, Dalila Belei

Comunicare orală

26/10/2023 – 27/10/2023 Iasi, Romania

Conferința IasiCHEM 5-MIT 2023, ediția a V-a

An efficient method for the C_{exocyclic}-alkylation of 1,2,3-triazoles, Codruta Frincul, Elena Bicu, Catalina-Ionica Ciobanu, Dalila Belei

Poster

27/06/2024 – 27/06/2024 Iasi, Romania

Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor "CHIMIA - FRONTIERĂ DESCHISĂ SPRE CUNOAȘTERE", ediția a XV-a

Reactivity of Methylene Group and the Hydroxymethyl Radical of 2-(4-(hydroxymethyl)-1H-1,2,3-triazol-1-yl)-1-phenylethan-1-one in the alkylation reaction, Codruta Frincul, Elena Bicu, Catalina-Ionica Ciobanu, Sergiu Shova, Dalila Belei

Oral communication

18/06/2024 – 22/06/2024 Montpellier, Franta

24th Tetrahedron Symposium

Reactions to the methylene bridge of 4-substituted 1-(benzoylmethyl)-1,2,3-triazoles, Codruta FRINCUL, Elena BICU, Alina GHINET, Sergiu SHOVA, Dalila BELEI

Poster

30/05/2024 – 01/06/2024 Constanta, Romania

CHIMIA 2024, NEW TRENDS IN APPLIED CHEMISTRY

An Efficient Method For The C-alkylation of 1,2,3-triazoles, Codruta Frincul, Elena Bicu, Catalina-Ionica Ciobanu, Sergiu Shova, Dalila Belei

Oral communication