



Iulia-Andreea Crețoiu

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WORK EXPERIENCE

ADMINISTRATIVE ASSISTANT – ROBERT BOSCH SRL – 05/2020 – 09/2020 – CLUJ-NAPOCA, ROMANIA

ERASMUS MOBILITY PROGRAM – LABORATOIRE HÉTÉROCHIMIE FONDAMENTALE ET APPLIQUÉE – 01/02/2022 – 31/07/2022 – TOULOUSE, FRANCE

EDUCATION MOBILITY PROGRAM – LABORATOIRE HÉTÉROCHIMIE FONDAMENTALE ET APPLIQUÉE – 02/2023 – 05/2023 – TOULOUSE, FRANCE

EDUCATION AND TRAINING

08/2014 – 06/2018 Constanța, Romania

BACALAUREAT DEGREE- MATHEMATICS AND INFORMATICS "Ovidius" High School

09/2018 – 07/2021 Cluj-Napoca, Romania

BACHELOR'S DEGREE IN CHEMISTRY Faculty of Chemistry and Chemical Engineering, Babes- Bolyai University

Field of study Chemistry |

Thesis "Synthesis and characterisation of coordinative compounds featuring 9-chloro-9-phosphaalkenylchloro-9-germafluorene ligands"

08/2021 – 07/2023 Cluj-Napoca, Romania

MASTER OF ADVANCED CHEMISTRY Faculty of Chemistry and Chemical Engineering, Babes- Bolyai University

Field of study Advanced Chemistry |

Thesis "Novel design of sulfoxides generating sulfenate anions in palladocatalyzed coupling reaction"

10/2023 – CURRENT

PHD IN CHEMISTRY Joint program between Universite Paul-Sabatier, France and Babes-Bolyai University, Romania

Field of study Chemistry

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

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

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

● SKILLS

Chemdraw3D | Adobe (Photoshop Illustrator InDesign Premiere Pro Acrobat) | Web: HTML, CSS | good command of Microsoft Office tools (Word, Excel, Power Point and Outlook) | Good command of research and analysis tools (SciFinder MestReNova) | Mercury (CCDC) | Analytical software (Xcalibur, Topspin)

● CONFERENCES AND SEMINARS

04/2023 Facultatea de Chimie si Inginerie Chimica - UBB Cluj

International Conference "Students for Students" XIXth edition

11/2024 Cuernavaca, Morelos, Mexico

Seminary - Universidad Autónoma del Estado de Morelos (via zoom)

"Design of sulfur based pincer ligands for stabilization of low valent species"

05/2025 Toulouse, France

XVIIIèmes Journées de l'Ecole Doctorale Sciences de la Matière

"From smelly to stable : The unexpected talents of sulfur"

05/2025 Metabief, France

GECOM-CONCOORD 2025

"Design of Sulfur Based Pincer Ligands for Stabilization of Low Valent Species"

● PUBLICATIONS

2022

["Novel coordination compounds featuring 9-chloro-9-phosphaalkenylchloro-9-germafluorene ligands"](#)

Noemi Deak, Raluca Septelean, Lavinia Buta, Ionut-Tudor Moraru, Iulia Andreea Cretoiu, Albert Soran, Gabriela Nemes, *Polyhedron*, **2022**, 221, 115866.

2024

[New Sulfenate Sources for Double Pallado-Catalyzed Cross-Coupling Reaction: Application in Symmetrical Biarylsulfoxide Synthesis, and Evidence of TADF Properties](#)

Valentin Magné, Iulia Cretoiu, Sonia Mallet-Ladeira, Eddy Maerten, David Madec, *Molecules*, **2024**, 29(20), 4809.

● VOLUNTEERING

02/2019 – 2021 Chemistry Student's Organization

Volunteer

05/2019 – 05/2024 BeardBrothers

Volunteer

02/2015 – 2022 TEAM, Constanta, Romania

Trainer

● **ORGANISATIONAL SKILLS**

Trainer for 6 years in Non-Governmental Organization

- leadership and personal development courses
- developed skills of time management, resources management, efficiency under pressure, teambuilding, brainstorming techniques, efficient prioritization of tasks, feedback strategies