



## Bogdan-Ionuț Mara

**Place of birth:** Salonta, Romania | **Nationality:** Romanian | **Email address:**  
[mara.bogdan@umft.ro](mailto:mara.bogdan@umft.ro)

### WORK EXPERIENCE

15/10/2023 - CURRENT Timișoara, Romania

**ASSISTANT PROFESSOR** VICTOR BABEȘ UNIVERSITY OF MEDICINE AND PHARMACY

- Scientific research and didactic activities

15/11/2022 - CURRENT Timișoara, Romania

**RESEARCH ASSISTANT** CORIOLAN DRĂGULESCU INSTITUTE OF CHEMISTRY

- Scientific research in the field of Medicinal Chemistry.
- Design, synthesis and characterization of new structures possessing biological activity.

14/02/2022 - 14/04/2022 Timișoara, Romania

**LABORATORY ANALYST** HERAEUS

- Quality control at Chemical laboratory as well as Measurements laboratory of metal-ceramics substrates department
- Determination of density and pH of solutions
- Preparation of titration solutions
- Quantitative determinations based on titration.

### EDUCATION AND TRAINING

2012 - 2016 Salonta, Romania

**HIGH SCHOOL** Teodor Neș National College High School, Mathematics and Computer Science

**Website** <https://cneteodornes.ro/>

2016 - 2021 Timișoara, Romania

**FACULTY OF PHARMACY** Victor Babeș University of Medicine and Pharmacy

**Website** <https://www.umft.ro/>

14/11/2022 - CURRENT Timișoara, Romania

**PHD STUDENT IN CHEMISTRY** Coriolan Drăgulescu Institute of Chemistry

**Website** <https://acad-icht.tm.edu.ro/wp/>

### LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B2	B2	B2

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

● **SKILLS**

---

Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Google Drive

● **DRIVING LICENCE**

---

**Driving Licence:** AM

**Driving Licence:** B1

**Driving Licence:** B

● **CONFERENCES AND SEMINARS**

---

18/09/2024 - 20/09/2024 Timișoara

**New Trends in Chemistry Research**

---

Flash Presentation: "Synthesis and characterization of novel potential therapeutical compounds based on 5-bromo-2-thiophene carboxylic acid scaffold"

**Link** <https://newtrends-timisoara.ro/2024/>

29/01/2025 - 31/01/2025 Szeged

**VII. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science**

---

Flash presentation: "Novel thiophene-based compounds possessing potential therapeutical activity. Synthesis and characterization"

24/09/2025 - 26/09/2025 Târgu Mureș

**Congresul Național de Farmacie 2025 Ediția a XX-a**

---

Prezentare Orală: "Development of novel compounds containing 5-bromo-2-thiophenecarboxylic acid moiety with potential biological activity. Synthesis, characterization and cytotoxicity evaluation."

● **PUBLICATIONS**

---

2024

**[Cytotoxic Potential of Betulinic Acid Fatty Esters and Their Liposomal Formulations: Targeting Breast, Colon, and Lung Cancer Cell Lines](#)**

2025

**[Targeting Anti-Apoptotic Bcl-2 Proteins with Triterpene-Heterocyclic Derivatives: A combined Dual Docking and Molecular Dynamics Study](#)**

**[Novel Compounds Featuring a Thiophene Carboxamide Scaffold: Synthesis, Characterization and Antiproliferative Evaluation](#)**

---