



Bogdan-Ionuț Mara

Date de naissance: 05/08/1997 | **Lieu de naissance:** Salonta, Roumanie |

Nationalité: Roumaine | **Adresse électronique:** mara.bogdan@umft.ro

● EXPÉRIENCE PROFESSIONNELLE

VICTOR BABEȘ UNIVERSITY OF MEDICINE AND PHARMACY - TIMIȘOARA, ROUMANIE

ASSISTANT PROFESSOR - 15/10/2023 - EN COURS

- Scientific research and didactic activities

CORIOLAN DRĂGULESCU INSTITUTE OF CHEMISTRY - TIMIȘOARA, ROUMANIE

RESEARCH ASSISTANT - 15/11/2022 - EN COURS

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

HERAEUS - TIMIȘOARA, ROUMANIE

LABORATORY ANALYST - 14/02/2022 - 14/04/2022

- 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.

● ÉDUCATION ET FORMATION

2012 - 2016 Salonta, Roumanie

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

Site web <https://cneteodornes.ro/>

2016 - 2021 Timișoara, Roumanie

FACULTY OF PHARMACY Victor Babeș University of Medicine and Pharmacy

Site web <https://www.umft.ro/>

● COMPÉTENCES LINGUISTIQUES

Langue(s) maternelle(s): **ROUMAIN**

Autre(s) langue(s):

	COMPRÉHENSION		EXPRESSION ORALE		ÉCRIT
	Compréhension orale	Compréhension écrite	Expression orale en continu	Interaction orale	
ANGLAIS	C1	C1	B2	B2	B2

Niveaux: A1 et A2: utilisateur de base; B1 et B2: utilisateur indépendant; C1 et C2: utilisateur expérimenté

● COMPÉTENCES

Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Google Drive

● **PERMIS DE CONDUIRE**

- **Permis de conduire:** AM
- **Permis de conduire:** B1
- **Permis de conduire:** B

● **CONFÉRENCES ET SÉMINAIRES**

18/09/2024 - 20/09/2024 Timișoara
New Trends in Chemistry Research

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

Lien <https://newtrends-timisoara.ro/2024/>

29/01/2025 - 31/01/2025 Szeged
VII. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science

Présentation Flash: "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

Présentation Orale: "Development of novel compoundscontaining 5-bromo-2-thiophenecarboxylic acid moiety with potential biological activity. Synthesis, characterization and cytotoxicity evaluation."

Lien <https://congresfarmacie.com/>

● **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**](#)
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