

PERSONAL INFORMATION

TOMOROGA CARMEN

 Piața Eftimie Murgu nr.2, Timișoara, 300041, România

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 axente.carmen@umft.ro

Sex F | Date of birth 3th November 1988 | Nationality Romanian

POSITION

Lecturer, discipline of Analytical Chemistry, Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy

WORK EXPERIENCE

October 2022 - present **Lecturer, discipline of Analytical Chemistry, Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy**

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Department I, Discipline of Analytical Chemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, România, Tel. +40256204476, www.umft.ro

- preparing and carrying out courses and practical work with students of the Faculty of Pharmacy
- member in various educational or institutional committees (student evaluation, admission, bachelor's, residency competitions, and accreditation of faculty specializations).

Type or sector of activity Higher education and research

October 2018 – 2022 **University assistant, discipline of Analytical Chemistry, Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy**

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Department I, Discipline of Analytical Chemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, România, Tel. +40256204476, www.umft.ro

October 2013 - 2018 **Associate professor and University assistant, discipline of Analytical Chemistry, Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy**

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Medicine, Department XIV, Discipline of Microbiology, Str. Victor Babeș, Nr. 16, Timișoara Timișoara, Timiș, România, Tel. +40 256 6707513, www.umft.ro

2012 - present **Pharmacist**
Pharmacy S.C. Echinaceea S.R.L., str. Stuparilor nr.12, Timișoara, Timiș, România, Tel. +40256211290

EDUCATION AND TRAINING

21.03.2018 **Doctor in Medical Sciences – Field Medicine**

Title of the doctoral thesis: CONSIDERATIONS REGARDING THE BURDEN OF MULTI-MICROBIAL RESISTANCE IN AN INTENSIVE CARE UNIT
Coordinator: Prof. univ. dr. Licker Monica Sorina.

2012-2017 **PhD Student – Microbiology**

Nivel EQF 8

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Medicine, Department XIV, Discipline of Microbiology, Str. Victor Babeș, Nr. 16, Timișoara Timișoara, Timiș, România, Tel. +40 256 6707513, www.umft.ro

02.05.2018 **Certificate of completion of the Psychopedagogical Training Program (DPPD)**

West University of Timișoara, Department for Teaching Staff Training, Timișoara (Romania)

23.06.2014 **Diploma in French Language Studies DELF B2**

awarded by the French Ministry of Education

July 2013 **Master Degree – Field Pharmacy**

Nivel EQF 7

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Department I, Discipline of Analytical Chemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, România, Tel. +40256204476, www.umft.ro

- Subjects covered: Formulation and evaluation of dermato-cosmetic products, coordinator: Prof. Anca-Octavia Dragomirescu, PhD.
- Coordinator: Prof.univ.dr. Anca-Octavia Dragomirescu

September 2012 **Bachelor and master degree in Pharmacy**

Nivel EQF 7

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Eftimie Murgu Sq. no. 2 300041 Timișoara, Timiș, Romania, Tel. +40 256 204 476; www.umft.ro

- Field studied: Pharmacy.
- Diploma of long-term studies (5 years) in Pharmacy

2007 **Baccalaureate Diploma**

Nivel EQF 4

“Constantin Diaconovici Loga” National High School, Timișoara, Romania

- Upper secondary education, general education focused on natural sciences (mathematics, chemistry, physics, biology)

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Independent user					
French	B2	B2	B2	B2	B2
Independent user					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills acquired during my studies when I was a member and president of the Timișoara Pharmaceutical Students' League (LSFT), as well as a volunteer at the Leo Timișoara Club. In addition to these, I have years of experience in teaching.

Organisational / managerial skills

- Team and organizational spirit acquired through professional practice in the academic field and in the community pharmacy team.

Job-related skills

- Analytical and instrumental chemistry: thermal analysis, spectroscopy

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- Utilisation of Microsoft Office package (Word, Excel, PowerPoint)
- Good knowledge of using the Internet, web research.
- Good knowledge of Pharmec program (pharmacy management program)

Driving licence B

ADDITIONAL INFORMATION

Publications and citations

I am the author and co-author of ISI-indexed scientific papers in international and national journals as well as of teaching books in the pharmaceutical and medical fields.

Conference

Participation in national and international scientific conferences, both with oral and poster presentations.

Member of scientific associations

Member of the College of Pharmacists of Romania (CFR)

ANNEXES

- Publication list

Timișoara,
April, 8, 2025

ȘI. dr. Tomoroga Carmen

LIST OF PUBLICATIONS

A1. BOOKS

1. Adriana-Violeta Ledeti, Denisa-Laura Cîrcioban, Amalia-Ioana Ridichie, **Carmen Tomoroga**, Ionuț-Valentin Ledeti – Qualitative Analytical Chemistry – A Laboratory Textbook, Editura Victor Babeș, Timișoara, 2023
2. Germaine Săvoiu-Balint, Maria Suci, Felicia Andrei, **Carmen Tomoroga**; coord: Anca Octavia Dragomirescu. Teste de biologie pentru admiterea la Facultatea de Farmacie, Editura Victor Babeș, 2021
3. Adriana-Violeta Ledeti, **Carmen Axente**. Chimie analytique qualitative. Editura Mirton, Timișoara, 2018
4. Adriana-Violeta Ledeti, **Carmen Axente**, Denisa-Laura Cîrcioban, Ionuț-Valentin Ledeti, Florin Borcan. Chimie analytique quantitative. Editura Mirton, Timișoara, 2018.
5. Monica Licker, Roxana Moldovan, Mihaela Popa, **Carmen Axente**, Ciprian Piliuț. Microbiologie clinique – la partie speciale. Imprimeria Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, 2014
6. Monica Licker, Liliana Dragomirescu, Roxana Moldovan, **Carmen Axente**. Microbiologie clinique. Imprimeria Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, 2013

B1. ISI PAPERS (*corresponding authors; # authors with equal contribution)

No	Authors	Title of article	Journal	FI	Author
1.	Carmen Axente, Monica Licker, Roxana Moldovan, Elena Hoge, Delia Muntean, Florin Horhat, Ovidiu Bedreag, Dorel Sandesc, Marius Papurica, Dorina Dugaescu, Mirela Voicu, Luminița Bădițoiu	Antimicrobial consumption, costs and resistance patterns: a two year prospective study in a Romanian intensive care unit	BMC Infectious Diseases, (2017)17:358, DOI 10.1186/s12879-017-2440-7	2.768	First author
2.	Carmen Axente , Delia Muntean, Luminița Bădițoiu, Roxana Moldovan, Elena Hoge, Florin Horhat, Ovidiu Bedreag, Dorel Sandesc, Dorina Dugaescu, Mirela Voicu, Victor Dumitrașcu, Monica Licker	Beta-lactam Resistance Mechanisms in Pathogens Isolated from Patients Admitted to Intensive Care Unit	REV.CHIM. (2017), 68:6	1.232	First author
3.	Luminița Bădițoiu, Carmen Axente , Diana Lungeanu, Delia Muntean, Florin Horhat, Roxana Moldovan, Elena Hoge, Ovidiu Bedreag, Dorel Sandesc, Monica Licker	Intensive care antibiotic consumption and resistance patterns: a cross-correlation analysis	Ann Clin Microbiol Antimicrob. (2017) 16: 71	2.37	Corresponding author
4.	Denisa Cîrcioban, Ionuț Ledeti, Gabriela Vlas, Adriana Ledeti, Carmen Axente , Titus Vlas, Cristina Dehelean	Kinetics of heterogeneous-induced degradation for artesunate and artemether	Journal of Thermal Analysis and Calorimetry (2018)	1.953	Co-author
5.	Ionuț Ledeti, Agneta Maria Pusztai, Cezara Maria Mureșan, Denisa Cîrcioban, Gabriela Vlas, Carmen Axente , Lenuta-Maria Suta, Titus Vlas, Petru Matusz, Adriana Ledeti, Oana Suci, Valentina Buda, Marius Murariu	Study of kinetic characteristics of 6-ethyl chenodeoxycholic acid and deoxycholic acid decomposition in non-isothermal conditions	Journal of Thermal Analysis and Calorimetry (2018)	1.953	Co-author
6.	Ionuț-Mihai Tănase, Laura Sbârcea, Adriana Ledeti, Gabriela Vlas, Paul Barvinschi, Renata-Maria Văruț, Anca Dragomirescu, Carmen Axente , Ionuț Ledeti	Physicochemical characterization and molecular modeling study of host-guest systems of aripiprazole and functionalized cyclodextrins	Journal of Thermal Analysis and Calorimetry, 1027–1039 (2020)	4.626	Co-author
7.	Ionuț Ledeti, Cosmina Bengescu, Denisa Cîrcioban, Gabriela Vlas, Titus Vlas, Carmen Tomoroga , Valentina Buda, Adriana Ledeti, Anca Dragomirescu, Marius Murariu	Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone	Journal of Thermal Analysis and Calorimetry, 1053–1065 (2020)	4.626	Co-author
8.	Cosmina Bengescu, Adriana Ledeti, Tudor Olariu, Denisa Cîrcioban, Cornelia Muntean, Gabriela Vlas, Titus Vlas, Carmen Tomoroga , Anca Octavia Dragomirescu, Daniela Dascălu, Lenuta-Maria Suta, Ionuț Ledeti, Marius Murariu	Instrumental investigations of promestriene: first report regarding the solid-state characterization and compatibility with pharmaceutical excipients	Journal of Thermal Analysis and Calorimetry, 4641–4649 (2023)	3	Co-author
9.	Adriana Ledeti, Bianca Baul, Amalia Ridichie, Denisa Ivan, Titus Vlas, Carmen Tomoroga , Anca Dragomirescu, Gabriela Vlas, Răzvan Adrian Bertici, Dana Emilia Man, Ionuț Ledeti	Thermo-oxidation of Four Sartans: Kinetic Analysis Based on Thermo-Gravimetric Data	Molecules (2024)	4.2	Corresponding author

Project member: Ionuț Ledeti, Denisa Cîrcioban, **Carmen Tomoroga**, Valentina Buda, Adriana Ledeti. PN-III-P1-1.1- TE-2016-1165 project (RECOTHER)

Timișoara,
April, 8, 2025

ȘI. dr. Tomoroga Carmen