

PERSONAL INFORMATION

Mirabela Romanescu



📍 Timișoara, Romania

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WORK EXPERIENCE

- 30.09.2024 – Present **Assistant Professor**
Faculty: Medicine; Discipline: Biochemistry
"Victor Babeș" University of Medicine and Pharmacy (UMVBFT)
2, Eftimie Murgu Square, 300041, Timișoara, Romania
- 08.01.2024 – Present **Pharmacy resident**
Specialty: Medico-pharmaceutical laboratory analyses
"Pius Brînzeu" County Emergency Clinical Hospital
156, Liviu Rebreanu Boulevard, 300723, Timișoara, Romania
- 02.08.2022 – 29.09.2024 **Research Assistant**
Faculty: Medicine; Discipline: Biochemistry
"Victor Babeș" University of Medicine and Pharmacy (UMVBFT)
2, Eftimie Murgu Square, 300041, Timișoara, Romania
- 06.10.2021 – 07.01.2022 **Adjunct Assistant Professor (hourly paid)**
Faculty: Pharmacy; Discipline Clinical Pharmacy, Pharmacy Communication and Pharmaceutical Assistance
"Victor Babeș" University of Medicine and Pharmacy (UMVBFT)
2, Eftimie Murgu Square, 300041, Timișoara, Romania
- 25.03.2021 – 02.03.2022 **Pharmacist**
"Minunea Naturii" Naturopathic Pharmacy
48, Sfinții Apostoli Petru și Pavel Street, Timișoara, Romania
- 01.01.2021 – 07.01.2024 **Pharmacy resident**
Specialty: Clinical Pharmacy
"Pius Brînzeu" County Emergency Clinical Hospital
156, Liviu Rebreanu Boulevard, 300723, Timișoara, Romania
- 03.2020 – 04.2021 **IT & Design National Coordinator**
The Federation of Romanian Pharmacy Students Associations (FASFR)
4, Viitorului Street, Bucharest, Romania
- 04.2019 – 10.2020 **IT & Design Local Coordinator**
Timisoara League of Pharmacy Students (LSFT)
1, Eftimie Murgu Square, 300041, Timișoara, Romania

EDUCATION AND TRAINING

2017 – 2020

Computer Science
Bachelor's Degree

Politehnica University of Timișoara (UPT), Faculty of Automation and Computers
2, Victory Square, 300006, Timișoara, România

Pharmacy
Bachelor's and master's Degree

"Victor Babeș" University of Medicine and Pharmacy (UMVBFT)

2, Eftimie Murgu Square, 300041, Timișoara, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
First Certificate in English Level C1					
French	A2	A2	A2	A2	A2

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

Communication skills Empathetic and diplomatic communication skills, with strong active listening and the ability to provide constructive feedback, developed through teaching, mentoring students, and collaborating in multidisciplinary academic teams.

Organisational / managerial skills Strong organizational skills and effective time and resource management, developed through coordinating laboratory work, planning experiments, and meeting strict academic/research deadlines.

Job-related skills Hands-on experience with molecular biology techniques, gained through laboratory research and experimental work, including RT-PCR, qRT-PCR, NGS sequencing, Western blotting, ELISA, Nucleic acid electrophoresis, Thin-layer chromatography (TLC)

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](#)

Proficient use of the following software/tools and programming languages, developed through academic, research, and project-based work:

- Microsoft Office Suite (Word, Excel, PowerPoint)
- Adobe Creative Suite (Illustrator, Photoshop, Lightroom, InDesign, Premiere Pro)
- WordPress, Elementor
- R, Linux, C++

Driving licence B

ADDITIONAL INFORMATION

Publications

- Adriana Padure, Ioana Cristina, Talpos-Niculescu, Paula Diana Ciordas, **Mirabela Romanescu**, Aimee Rodica Chis, Laura-Cristina Rusu, Ioan Ovidiu Sirbu. Impact of Chemotherapy Alone and in Combination with Immunotherapy on Oral Microbiota in Cancer Patients – Pilot Study. *Microorganisms*. 2025; 13(7):1565. ISSN/eISSN 2076-2607. Published: 3 July 2025. DOI: 10.3390/microorganisms13071565. IF 4.2 Q2.
- Narcisa Jianu, Valentina Oana Buda, Denisa Căpățână, Călin Muntean, Teodor Nicolae Onea, Maria Anastasia Jivulescu, Ana Teodor, **Mirabela Romanescu**, Lucreția Udrescu, Vlad Groza, Mihai Udrescu, Alina Ramona Buzatu, Cristina Adriana Dehelean, Minodora Andor. Osteoporosis: a problem still faulty addressed by the Romanian healthcare system. Results of a questionnaire survey of people aged 40 years and over. *Frontiers in Medicine*. 2024; 23(11):1485382. ISSN/eISSN 2296-858X. Published 23 October 2024. DOI: 10.3389/fmed.2024.1485382. IF 3.1 Q1.
- Petru Baneu, Andreea Prelipcean, Valentina Oana Buda, Narcisa Jianu, Anca Tudor, Minodora Andor, Cristina Merlan, **Mirabela Romanescu**, Maria Suci, Simona Buda, Teodora Mateoc, Daniela Gurgus, and Liana Dehelean. Under-Prescription of Drugs in the Elderly Population of Western Romania: An Analysis Based on STOPP/START Version 2 Criteria. *Journal of Clinical Medicine*. 2024; 13(19):5970. ISSN/eISSN 2077-0383. Published 8 October 2024. DOI: 10.3390/jcm13195970. IF 3.0 Q1.
- Adina Iuliana Milcu, Flavia Medana Anghel, **Mirabela Romanescu***, Aimee Rodica Chis, Andrei Anghel, Ovidiu Boruga. Plasma miR-19b, miR-34a and miR-146a expression in patients with type 2 diabetes mellitus and cataract: A pilot study. *Biomolecules and Biomedicine*. 2024; 24(3):537-544. ISSN/eISSN 2831-0896 / 2831-090X. Published 02 May 2024. DOI: 10.17305/bb.2023.9933. IF 3.4.
- Alexandra Ioana Moatar, Aimee Rodica Chis, **Mirabela Romanescu**, Paula-Diana Ciordas, Diana Nitusca, Catalin Marian, Cristian Oancea, Ioan-Ovidiu Sirbu. Plasma miR-195-5p predicts the severity of Covid-19 in hospitalized patients. *Scientific Reports*. 2023; 13(1):13806. ISSN/eISSN 2045-2322. Published 23 August 2023. DOI: 10.1038/s41598-023-40754-w. IF 4.6 Q2.
- Adelina Lombrea[†], **Mirabela Romanescu[†]**, Narcisa Jianu, Minodora Andor, Maria Suci, Dana Emilia Man, Corina Danciu, Cristina Adriana Dehelean, Valentina Buda. Sex-Related Differences in the Pharmacological Response in SARS-CoV-2 Infection, Dyslipidemia, and Diabetes Mellitus: A Narrative Review. *Pharmaceuticals*. 2023; 16(6):853. ISSN/eISSN 1424-8247. Published 07 June 2023. DOI: 10.3390/ph16060853. IF 4.6 Q2.
- Mirabela Romanescu**, Camelia Oprean, Adelina Lombrea, Bianca Badescu, Ana Teodor, George D. Constantin, Minodora Andor, Roxana Folescu, Delia Muntean, Corina Danciu, Olivia Dalleur, Stefan Laurentiu Batrina, Octavian Cretu, Valentina Oana Buda. Current State of Knowledge Regarding WHO High Priority Pathogens—Resistance Mechanisms and Proposed Solutions through Candidates Such as Essential Oils: A Systematic Review. *International Journal of Molecular Sciences*. 2023; 24(11):9727. ISSN/eISSN 1661-6596 / 1422-0067. Published 04 June 2023. DOI: 10.3390/ijms24119727. IF 5.6 Q1.
- Ionut Dragos Capraru, **Mirabela Romanescu**, Flavia Medana Anghel, Cristian Oancea, Catalin Marian, Ioan Ovidiu Sirbu, Aimee Rodica Chis, Paula Diana Ciordas. Identification of Genomic Variants of SARS-CoV-2 Using Nanopore Sequencing. *Medicina*. 2022; 58(12):1841. ISSN/eISSN 1010-660X. Published 15 December 2022. DOI: 10.3390/medicina58121841. IF 2.6 Q3.
- Bianca Badescu, Valentina Buda, **Mirabela Romanescu***, Adelina Lombrea, Corina Danciu, Olivia Dalleur, Angele Modupe Dohou, Victor Dumitrascu, Octavian Cretu, Monica Licker, Delia Muntean. Current State of Knowledge Regarding WHO Critical Priority Pathogens: Mechanisms of Resistance and Proposed Solutions through Candidates Such as Essential Oils. *Plants*. 2022; 11(14):1789. ISSN/eISSN 2223-7747. Published 06 July 2022. DOI: 10.3390/plants11141789. IF 4.5 Q1.
- Mirabela Romanescu**, Valentina Buda, Adelina Lombrea, Minodora Andor, Ionut Ledeti, Maria Suci, Corina Danciu, Cristina Adriana Dehelean, Liana Dehelean. Sex-Related Differences in Pharmacological Response to CNS Drugs: A Narrative Review. *Journal of Personalized Medicine*. 2022; 12(6):907. ISSN/eISSN 2075-4426. Published 31 May 2022. DOI: 10.3390/jpm12060907. IF 3.4 Q2.
- Ionut Ledeti, **Mirabela Romanescu**, Denisa Cîrcioban, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Oana Suci, Marius Murariu, Sorin Olariu, Petru Matusz, Valentina Buda, Doina Piciu. Stability and Compatibility Studies of Levothyroxine Sodium in Solid Binary Systems—Instrumental Screening. *Pharmaceutics*. 2020; 12(1):58. ISSN/eISSN 1999-4923. Published 10 January 2020. DOI: 10.3390/pharmaceutics12010058. IF 6.321. Q1.

International Scientific Manifestations

- Characterisation of the hsa-miR-130a and hsa-miR-365a -3p/-5p Ratios in Prostate Cancer Biospecimens*. **Mirabela Romanescu**, Paula Diana Ciordas, Aimee Rodica Chis, Catalin Marian, Ioan Ovidiu Sirbu. FEBS 2024 Advances Course – 5th Danube Conference on Epigenetics, 28-31 October 2024, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 99) and Poster (P-40).
- miR-19 as Levodopa Therapy Responder in Parkinson's Disease*. Aimee Rodica Chis, **Mirabela Romanescu**, Paula Diana Ciordas, Ioan Ovidiu Sirbu. FEBS 2024 Advances Course – 5th Danube Conference on Epigenetics, 28-31 October 2024, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 100) and Poster (P-41).
- Characterization of Plasma hsa-miR-19b-3p as Prognostic Biomarker in non-Small Cell Lung Cancer*. Paula Diana Ciordas, **Mirabela Romanescu**, Aimee Rodica Chis, Ioan Ovidiu Sirbu. FEBS 2024 Advances Course – 5th Danube Conference on Epigenetics, 28-31 October 2024, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 101) and Poster (P-42).
- Consistent discordances in quantification of 3p and 5p microRNA species are independent of their GC content and secondary structure stability*. Ioan Ovidiu Sirbu, **Mirabela Romanescu**, Paula Diana Ciordas, Aimee Rodica Chis. FEBS 2024 Advances Course – 5th Danube Conference on Epigenetics, 28-31 October 2024, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 103) and Poster (P-44).
- Addressing osteoporosis in Romanian patients: preliminary results from an in-person survey*. Narcisa Jianu, Denisa Căpățână, Ana Teodor, Teodor Nicolae Onea, Călin Muntean, **Mirabela Romanescu**, Bianca Străuț, Cristina Merlan, Minodora Andor, Valentina Buda. 52nd ESCP Symposium on Clinical Pharmacy. Implementing and scaling sustainable clinical pharmacy practice, 21-23 October 2024, Kraków, Poland. Abstract (International Journal of Clinical Pharmacy, 47:578, Published 13 March 2025. DOI: 10.1007/s11096-025-01891-6. IF 2.6 Q3) and Poster (P191).
- Underuse of Medicines in Romanian Elderly Population Based on START v.2, 2015 Criteria*. Valentina Buda, Andreea Prelipcean, Olivia Dalleur, Maria Suci, Liana Suci, Simona Buda, **Mirabela Romanescu**, Diana Mailat, Teodora Mateoc, Angele Dohou, Carmen Cristescu, Lucian Petrescu, Octavian Cretu, Minodora Andor. The 20th Annual World Congress on Insulin Resistance Diabetes & Cardiovascular Disease, 7-9 December 2023, Universal City, California, USA. Abstract (Metabolism – Clinical and Experimental. Volume 142, Supplement, ISSN 0026-0495, article 155505, S39, abstract 0128. Published 9 May 2023. DOI: 10.1016/j.metabol.2023.155505. IF 9.8 Q1).
- Therapy induced microRNA modifications in Parkinson's disease*. **Mirabela Romanescu**, Aimee Rodica Chis, Alexandra Ioana Moatar, Catalin Marian, Mihaela Simu, Ioan Ovidiu Sirbu. FEBS 2022 Advances Course – 4th Danube Conference on Epigenetics, 18-21 October 2022, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 91) and Poster (P-38).
- Altered circulating hsa-miR-195-5p level predicts Covid-19 severity in hospitalized patients*. Alexandra Moatar, Aimee Chis, **Mirabela Romanescu**, Cristian Oancea, Catalin Marian, Ovidiu Sirbu. FEBS 2022 Advances Course – 4th Danube Conference on Epigenetics, 18-21 October 2022, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 97) and Poster (P-45).
- Search of interaction between prednisolone and pharmaceutical excipients in solid binary mixtures*. Ionuț Ledeti, **Mirabela Romanescu**, Denisa Cîrcioban, Gabriela Vlase, Titus Vlase, Laura Sbarcea, Oana Suci, Cezara Mureșan, Marius Murariu, Adriana Ledeti. 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC5) and 14th Mediterranean Conference on Calorimetry and Thermal Analysis

(Medicta2019), 27-30 August 2019, Rome, Italy. Abstract (Book of abstracts, ISBN 978-3-940237-59-0, p. 385).

National Scientific Manifestations with International Participation

1. *Analysis of the hsa-miR-130a and hsa-miR-365a -3p/-5p ratios in prostate cancer biofluids.* **Mirabela Romanescu**, Paula-Diana Ciordas, Aimée Rodica Chis, Ioan Ovidiu Sirbu, and Catalin Marian. The annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 25-27 September 2024, Bucharest, Romania. Abstract (Book of abstracts, p. 41) and Poster (P9).
2. *Hsa-miR-19a/b as levodopa therapy responder in Parkinson's disease.* Aimee Rodica Chis, **Mirabela Romanescu**, Paula Ciordas, Ioan-Ovidiu Sirbu. The annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 25-27 September 2024, Bucharest, Romania. Abstract (Book of abstracts, p. 55) and Poster (P6).
3. *Differences in 3p/5p miRNA quantification are independent of the microRNAs' GC content and secondary structure stability.* Ioan-Ovidiu Sirbu, **Mirabela Romanescu**, Paula Ciordas, Aimee Rodica Chis. The annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 25-27 September 2024, Bucharest, Romania. Abstract (Book of abstracts, p. 46) and Poster (P8).
4. *Plasma hsa-miR-19b response to immunotherapy in Non-Small Cell Lung Cancer patients.* Paula Ciordas, **Mirabela Romanescu**, Aimee Rodica Chis, Ioan-Ovidiu Sirbu. The annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 25-27 September 2024, Bucharest, Romania. Abstract (Book of abstracts, p. 57) and Poster (P7).
5. *Sputum pathogen identification with Nanopore sequencing using different host depletion methods.* Aimee Rodica Chis, **Mirabela Romanescu**, Paula Diana Ciordas, and Ioan Ovidiu Sirbu. 2nd RoBioinfo Conference 2024. Accelerating human and environmental knowledge discovery through bioinformatics advances, 11-13 April 2024, Cluj-Napoca, Romania. Abstract (Book of abstracts, ISBN 978-606-28-1795-4, p. 77-78).
6. *Absolute and Relative Expression Analysis of Plasma MicroRNAs in Patients with Prostate Cancer – A Comparison.* Paula Diana Ciordas, **Mirabela Romanescu**, Aimée Rodica Chis, Catalin Marian, and Ioan Ovidiu Sirbu. The Annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 13-15 September 2023, Cluj-Napoca, Romania. Abstract (Book of abstracts, ISSN (online): 2065-9512 | ISSN-L: 2065-9512, p. 86) and Poster.
7. *Nanopore-based metagenomics for diagnostic and therapy refinement in a case of acute canine pancreatitis.* **Mirabela Romanescu**, Iulia Butoi, Aimee Rodica Chis, Paula Diana Ciordas, Emilian Olteanu, Paul Vilcu, and Ioan-Ovidiu Sirbu. RoBioinfo 2023 Conference, 11-13 May 2023, Bucharest, Romania. Abstract (Book of abstracts, ISBN 978-606-28-1617-9, p. 80-81) and Poster.
8. *SARS-CoV-2 Genomic Variants Identification by Using Nanopore Sequencing.* Paula Diana Ciordas, Ionut Dragos Capraru, **Mirabela Romanescu**, Flavia Anghel, Cristian Oancea, Catalin Marian, Ioan Ovidiu Sirbu, Aimée Rodica Chis. RoBioinfo 2023 Conference, 11-13 May 2022, Bucharest, Romania. Abstract (Book of abstracts, ISBN 978-606-28-1617-9, p. 82-83) and Poster.
9. *Therapy induced microRNA modifications in Parkinson's disease.* **Mirabela Romanescu**, Aimee Rodica Chis, Alexandra Ioana Moatar, Catalin Marian, Mihaela Simu, Ioan Ovidiu Sirbu International conference and XXXIX scientific session of the Romanian Society for Cell Biology (RSCB), 21-23 October 2022, Cluj-Napoca, Romania. Abstract and Poster (P3).
10. *SARS-CoV-2 Genomic Variants Identification by Using Nanopore Sequencing.* Paula Diana Ciordas, Ionut Dragos Capraru, **Mirabela Romanescu**, Flavia Anghel, Cristian Oancea, Catalin Marian, Ioan Ovidiu Sirbu, Aimée Rodica Chis. International conference and XXXIX scientific session of the Romanian Society for Cell Biology (RSCB), 21-23 October 2022, Cluj-Napoca, Romania. Abstract and Poster (P4).
11. *Instrumental investigations regarding solid state compatibility between Levothyroxine Sodium and pharmaceutical excipients.* **Mirabela Romanescu**, Adriana Ledeti, Cornelia Muntean, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuța-Maria Șuta, Denisa Cîrcioban, Ionuț Ledeti. 28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, West University of Timișoara, Timișoara, Romania. Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 44) and Poster (Poster Presentation 11).
12. *Compatibility study of Desogestrel with pharmaceutical excipients in solid state.* Adriana Ledeti, **Mirabela Romanescu**, Gabriela Vlase, Titus Vlase, Cornelia Muntean, Anca Dragomirescu, Lenuța-Maria Șuta, Denisa Cîrcioban, Cezara Mureșan, Ionuț Ledeti. 28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, West University of Timișoara, Timișoara, Romania. Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 39) and Poster (Poster Presentation 6).
13. *First report regarding the solid state compatibility between synthetic steroidal estrogen promestriene and pharmaceutical excipients.* Cosmina Bengescu, Anca Dragomirescu, Adriana Ledeti, **Mirabela Romanescu**, Gabriela Vlase, Titus Vlase, Lenuța-Maria Șuta, Denisa Cîrcioban, Cornelia Muntean, Ionuț Ledeti. 28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, West University of Timișoara, Timișoara, Romania. Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 35) and Poster (Poster Presentation 2).

Awarded Papers

1. **Mirabela Romanescu**, Valentina Buda, Adelina Lombrea, Minodora Andor, Ionut Ledeti, Maria Suci, Corina Danciu, Cristina Adriana Dehelean, Liana Dehelean. Sex-Related Differences in Pharmacological Response to CNS Drugs: A Narrative Review. Journal of Personalized Medicine. 2022. Award UEFISCDI PN-IV-P2-2.3-PRECISI-2023-69549.
2. Bianca Badescu, Valentina Buda, **Mirabela Romanescu***, Adelina Lombrea, Corina Danciu, Olivia Dalleur, Angele Modupe Dohou, Victor Dumitrascu, Octavian Cretu, Monica Licker, Delia Muntean. Current State of Knowledge Regarding WHO Critical Priority Pathogens: Mechanisms of Resistance and Proposed Solutions through Candidates Such as Essential Oils. Plants. 2022. Award UEFISCDI PN-IV-P2-2.3-PRECISI-2023-80176.
3. Ionut Ledeti, **Mirabela Romanescu**, Denisa Cîrcioban, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Oana Suci, Marius Murariu, Sorin Olariu, Petru Matusz, Valentina Buda, Doina Piciu. Stability and Compatibility Studies of Levothyroxine Sodium in Solid Binary Systems—Instrumental Screening. Pharmaceutics. 2020. Award UEFISCDI PN-III-P1-1.1PRECISI-202050178.

Projects

1. Member of the project “**Oncobrige – Facilitating the transition of students towards an active professional life in the field of oncology and palliative care**” (“Oncobrige – Facilitarea tranziției studenților către o viață profesională activă în domeniul onco-paliativ.”, SMIS project code 318057), funded under G2024-78519/05.11.2024. Role: Short-term expert – practical component (Workshop), COR code 226201. Period: 01/07/2025 – 30/10/2026.
2. Member of the project “**Developing UMFVBT's capacity for interdisciplinary research and innovation in the field of next-generation long-read sequencing technologies**” (“Dezvoltarea capacității de cercetare inter-disciplinară și inovare a UMFVBT în domeniul tehnologiilor de secvențiere long reads de ultimă generație”, acronym Pluriseq@UMFVBT), project code CNFIS-FDI-2024-F-0451, funded through the Institutional Development Fund 2024. Role: Pharmacist, COR code 226201. Period: 15/04/2024 – 16/12/2024.

Certificates

1. Certificate of completion of the psychopedagogical training program – postgraduate studies, Level II (Health specialization). Issued by: The Ministry of Education and Scientific Research, West University of Timisoara | Date: 08 July 2025 | Certificate ID: 046537.
2. Certificate of completion of the psychopedagogical training program – postgraduate studies, Level I Pharmacy specialization. Issued by: The Ministry of Education, West University of Timisoara | Date: 18 February 2025 | Certificate ID: 010141.
3. Specialist Pharmacist Certificate in Clinical Pharmacy, awarded under Order of the Ministry of Health (OMS) no. 6157/19.12.2024. Issued by The Ministry of Health | Date: 23 December 2024 | Certificate ID: 58109.
4. FELASA-accredited Course 056/16 – 9th Laboratory Animal Science European Union Functions Course. Issued by: Laboratory for Research of the Musculoskeletal System, School of Medicine, National & Kapodistrian University of Athens | Date: 02 October 2023 | Certificate ID: 056/16_230924.
5. Cambridge English: First Certificate in English (FCE), Level C1. Issued by: Cambridge English Language Assessment | Date: 18 April 2017 | Certificate ID: 57081146.

International Workshops and Courses

1. *Metagenomics bioinformatics at MGnify*. European Molecular Biology Laboratory - European Bioinformatics Institute (EMBL-EBI), 9-13 November 2023, Hinxton - Cambridge, United Kingdom.
2. *Enrichment Analysis*. Swiss Institute of Bioinformatics (SIB), 23 June 2023, online.
3. *GTN Smörgåsbord 3*. Galaxy Training Network, 22-26 May 2023, online.
4. *Computing skills for reproductive research: Data Carpentry*. European Molecular Biology Laboratory (EMBL), 24-27 January 2023, Heidelberg, Germany.

National Workshops and Courses

1. *New Trends in Preclinical Research Workshop*. Școala Doctorală a Universității de Medicină și Farmacie Victor Babeș din Timișoara, 13-15 December 2023, Timișoara, Romania.
2. *Hands-on pathogen genomics*. Babes-Bolyai University, 23-25 November 2023, Cluj-Napoca, Romania.

International Trainings

1. *Blended Mobility of Students – CALABRIA*. ERASMUS KA220-HED – project Cooperation partnerships in higher education, project no. 2023-1-RO01-KA220-HED-000164767, Partnership for innovation on the exchange of best practices and the design of joint collaborative initiative at European level related to the awareness of the effects contamination on human health. University of Calabria. 30 September – 04 October 2024, Arcavacata, Italy.

Awards and Distinctions

1. Best Poster Award. TimMed International Conference. Student e-Poster Session, 07 March 2019, Timișoara, Romania.
2. "Eminent Student" Certificate, 04 December 2019, Timișoara, Romania.
3. 3rd Prize, Pharmacy of the Future Competition, 2019, Bucharest, Romania.

Affiliations

1. Member, Center for Complex Network Science (CSRC), 2021 - present.
2. Member, Romanian Society of Bioinformatics (RSBI), 2023 - present.
3. Member, Romanian Society of Biochemistry and Molecular Biology (RSBMB), 2023 - present.

Books and Book Chapters

1. Book chapter: "Particularities of Pharmacotherapy in Parkinson's Disease," in Clinical Pharmacy Course Material, Volume I, coordinated by Prof. Univ. Dr. Valentina-Oana Buda. Victor Babeș Publishing House, 2025, 421 pages, ISBN: 978-606-786-408-3.

Extracurricular Activities

1. Lecturer, Medical Microbiology Summer School, UMFVBT Timișoara, 10-12 September 2025.