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| INFORMAŢII PERSONALE | Romanescu Mirabela |
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| EXPERIENŢA PROFESIONALĂ |  |

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| --- | --- |
| 08.01.2024 – Prezent | Farmacist rezident  Specialitatea Analize medico-farmaceutice de laborator |
| Spitalul Clinic Judeţean de Urgenţă “Pius Brînzeu” Timişoara (SCJUPBT) |
| Bvd. Liviu Rebreanu 156, 300723, Timișoara, România |
| 02.08.2022 – Prezent | Asistent de cercetare  Disciplina Biochimie |
| Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara (UMFVBT), Facultatea de Medicină |
| Piața Eftimie Murgu 2, 300041, Timișoara, România |
| 06.10.2021 – 07.01.2022 | Cadru didactic asociat (asistent universitar – plata cu ora)  Disciplina Farmacie clinică, comunicare în farmacie și asistenţă farmaceutică |
| Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara (UMFVBT), Facultatea de Farmacie |
| Piața Eftimie Murgu 2, 300041, Timișoara, România |
| 25.03.2021 – 02.03.2022 | Farmacist |
| Minunea Naturii |
| Str. Sfinții Apostoli Petru și Pavel 48, 300453, Timișoara, România |
| 01.01.2021 – 07.01.2024 | Farmacist rezident  Specialitatea Farmacie Clinică |
| Spitalul Clinic Judeţean de Urgenţă "Pius Brînzeu" Timişoara (SCJUPBT) |
| Bvd. Liviu Rebreanu 156, 300723, Timișoara, România |
| 03.2020 – 04.2021 | Coordonator Național IT & Design |
| Federația Asociațiilor Studenților Farmaciști din România (FASFR) |
| Str. Viitorului 4, 020601, Sector 2, București, România |
| 04.2019 – 10.2020 | Coordonator Local IT & Design |
| Liga Studenților Farmaciști din Timișoara (LSFT) |
| Piața Eftimie Murgu 1, 300041, Timișoara, România |

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| EDUCAŢIE ŞI FORMARE |  |

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| 2017 – 2020 | Informatică  Diplomă de licență |  |
| Universitatea Politehnica Timișoara (UPT), Facultatea de Automatică și Calculatoare | |
| Piața Victoriei 2, 300006, Timișoara, România | |
| 2015 – 2020 | Farmacie  Diplomă de licență și master | 7 EQF/CEC |
| Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara (UMFVBT), Facultatea de Farmacie | |
| Piața Eftimie Murgu 1, 300041, Timișoara, România | |

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| COMPETENΤE PERSONALE |  |

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| Competenţe  de comunicare | Abilități de comunicare empatică și diplomatică.  Ascultare activă și oferire de feedback constructiv. | | | | |
| Competenţe organizaţionale/manageriale | Bune competențe de organizare și gestionare a timpului și resurselor.  Capacitate de planificare, prioritizare și finalizare a sarcinilor într-un mod eficient și prompt. | | | | |
| Competenţe  dobândite la locul de muncă | Utilizarea de tehnici de biologie moleculară precum:   * RT-PCR, qRT-PCR * Secvențiere NGS * ELISA, Elecroforeză, Cromatografie în strat subțire | | | | |
| Competenţe  digitale | AUTOEVALUARE | | | | |
| Procesarea informaţiei | Comunicare | Creare de conţinut | Securitate | Rezolvarea de probleme |
|  | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat |
|  | Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat  [Competențele digitale - Grilă de auto-evaluare](http://europass.cedefop.europa.eu/ro/resources/digital-competences) | | | | |
|  | Utilizarea următoarelor soft-uri/limbaje de programare:   * Pachet Microsoft Office (Word, Excel, PowerPoint) * Pachet Adobe (Illustrator, Photoshop, InDesign, Premiere Pro) * Wordpress, Elementor * R, Linux, C | | | | |
| Permis de conducere | B | | | | |

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| Limba(i) maternă(e) | română | | | | |
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| Alte limbi străine cunoscute | ΙNΤELEGERE | | VORBIRE | | SCRIERE |
| Ascultare | Citire | Participare la conversaţie | Discurs oral |  |
| Engleză | C1 | C1 | C1 | C1 | C1 |
| Franceză | A2 | A2 | A2 | A2 | A2 |
|  | Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat  [Cadrul european comun de referinţă pentru limbi străine](https://europass.cedefop.europa.eu/ro/resources/european-language-levels-cefr) | | | | |

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| INFORMAΤII SUPLIMENTARE |  |

Publicaţii

1. 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. ISSN/eISSN 2831-0896 / 2831-090X. Published 28 November 2023. DOI: 10.17305/bb.2023.9933. IF 3.4 Q3.
2. 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.
3. Adelina Lombrea†, **Mirabela Romanescu**†, Narcisa Jianu, Minodora Andor, Maria Suciu, 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.
4. **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.
5. 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.
6. 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.
7. **Mirabela Romanescu**, Valentina Buda, Adelina Lombrea, Minodora Andor, Ionut Ledeti, Maria Suciu, 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.
8. Ionut Ledeti, **Mirabela Romanescu**, Denisa Circioban, Adriana Ledeți, Gabriela Vlase, Titus Vlase, Oana Suciu, 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.

Manifestări Științifice Internaționale

1. *Underuse of Medicines in Romanian Elderly Population Based on START v.2, 2015 Criteria.*

Valentina Buda, Andreea Prelipcean, Olivia Dalleur, Maria Suciu, Liana Suciu, 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).

1. *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).

1. *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).

1. *Search of interaction between prednisolone and pharmaceutical excipients in solid binary mixtures.*

Ionuţ Ledeţi, **Mirabela Romanescu**, Denisa Cîrcioban, Gabriela Vlase, Titus Vlase, Laura Sbârcea, Oana Suciu, Cezara Mureșan, Marius Murariu, Adriana Ledeţi.

5 th 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).

Manifestări Științifice Naționale cu Participare Internațională

1. *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.

1. *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.

1. *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.

1. *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).

1. *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).

1. *Instrumental investigations regarding solid state compatibility between Levothyroxine Sodium and pharmaceutical excipients.*

**Mirabela Romanescu**, Adriana Ledeți, Cornelia Muntean, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuţa-Maria Şuta, Denisa Cîrcioban, Ionuț Ledeți.

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 Timişoara, Timişoara, Romania.

Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 44) and Poster (Poster Presentation 11).

1. *Compatibility study of Desogestrel with pharmaceutical excipients in solid state.*

Adriana Ledeți, **Mirabela Romanescu**, Gabriela Vlase, Titus Vlase, Cornelia Muntean, Anca Dragomirescu, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cezara Mureșan, Ionuț Ledeți.

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 Timişoara, Timisoara, Romania.

Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 39) and Poster (Poster Presentation 6).

1. *First report regarding the solid state compatibility between synthetic steroidal estrogen promestriene and pharmaceutical excipients.*

Cosmina Bengescu, Anca Dragomirescu, Adriana Ledeți, **Mirabela Romanescu**, Gabriela Vlase, Titus Vlase, Lenuţa-Maria Şuta, Denisa Cîrcioban, Cornelia Muntean, Ionuț Ledeți.

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 Timişoara, Timisoara, Romania.

Abstract (Book of abstracts, ISBN 978-606-675-208-4, p. 35) and Poster (Poster Presentation 2).

Lucrări științifice premiate

1. **Mirabela Romanescu**, Valentina Buda, Adelina Lombrea, Minodora Andor, Ionut Ledeti, Maria Suciu, 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 Circioban, Adriana Ledeți, Gabriela Vlase, Titus Vlase, Oana Suciu, 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.

Certificate

1. *FELASA accredited Course 056/16 - 9th Laboratory Animal Science European Union Functions Course.* Issued by The Laboratory for Research of the Musculoskeletal System, School of Medicine, National & Kapodistrian University of Athens on 02 October 2023. Certificate ID 056/16\_230924.
2. *First Certificate in English Level C1.* Issued by Cambridge English Language Assessment on 18 April 2017. Certificate ID 57081146.

Cursuri internaționale

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.

Workshop-uri și cursuri naționale

1. *New Trends in Preclinical Research.* Școala Doctorală a Universității de Medicină și Farmacie Victor Babeș din Timișoara, 13-15 December 2023, Timisoara, Romania
2. *Curs practic de genomica a patogenilor.* Centrul de Formare Continua, Invatamant la Distanta si cu Frecventa redusa, Universitatea Babes-Bolyai, 23-25 November 2023, Cluj-Napoca, Romania.

Premii și distincții

1. Best Poster Award. TimMed International Conference. Student e-Poster Session, 07 March 2019, Timisoara, Romania.
2. Certificat Student Eminent, 04 December 2019, Timisoara, Romania
3. Premiul 3 Concurs Farmacia Viitorului, 2019, Bucharest, Romania.