



**Curriculum vitae
Europass**

Personal information

Surname(s) / First name(s) **Voicu Mirela**

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Nationality Romanian

Date of birth

Gender Female

Work experience

Dates 15.02.2021 until now Associate Professor
2008-2021 Lecturer
2001-2008 Assistant Professor
2005 Specialist Physician in Laboratory Medicine
2000-2005 Resident physician
1998-2000 General Medicine Physician

Occupation or position held Associate Professor
Head of Pharmacology-Pharmacotherapy discipline

Main activities and responsibilities Coordination of activities within the discipline
Immunology Lectures for romanian and french students, II –th year
Microbiology Lectures for romanian and french students, II –th year
Clinical Phatology Lectures for romanian and french students, IV –th year
Pharmacology Lectures Teaching for College of Pharmaceutical Assistants II-rd year
Laboratory works for Immunology, Clinical Pathology and Immunology for romanian and french students
Lectures and laboratory works for the masteral studies „The formulation and evaluation of dermatocosmetic product” (module " The Pharmacology of Cutaneous organ")

Name and address of employer Victor Babes University of Medicine and Pharmacy Timisoara, Romania, Faculty of Pharmacy, discipline of Pharmacology - Pharmacotherapy

Type of business or sector Higher education

Education and training

Dates 1990-1996

Title of qualification awarded Physician,

Principal subjects/occupational skills covered General Medicine

Name and type of organisation providing education and training University of Medicine and Pharmacy "Gr. T. Popa "University Iasi, Faculty of Medicine

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|---|---|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|----------------|------------------|--|
| Level in national or international classification | ISCED 5 | | | | | | | | | | |
| Dates | 2000-2005 Laboratory Medicine | | | | | | | | | | |
| Title of qualification awarded | Specialist in Laboratory Medicine | | | | | | | | | | |
| Dates | 27.11.2009 PhD in Medical Sciences | | | | | | | | | | |
| Name and type of organisation providing education and training | Victor Babes University of Medicine and Pharmacy Timisoara, Romania, | | | | | | | | | | |
| Title of qualification awarded | PhD in Medical Sciences | | | | | | | | | | |
| Dates | 01.10.2010-01.10.2011 Masteral studies | | | | | | | | | | |
| Name and type of organisation providing education and training | Victor Babes University of Medicine and Pharmacy Timisoara, Romania, Faculty of Pharmacy, "Management of pharmacotherapy in elderly subjects" | | | | | | | | | | |
| Title of qualification awarded | Master | | | | | | | | | | |
| Dates | 2014-2015 | | | | | | | | | | |
| Name and type of organisation providing education and training | West University of Timisoara, Teacher Training Department | | | | | | | | | | |
| Title of qualification awarded | Certificate of graduation level I and II | | | | | | | | | | |
| Dates | 01.10.2018 until now PhD student in Pharmaceutical Sciences | | | | | | | | | | |
| Name and type of organisation providing education and training | Victor Babes University of Medicine and Pharmacy Timisoara, Romania | | | | | | | | | | |
| Personal skills and competences | | | | | | | | | | | |
| Mother tongue(s) | Romanian | | | | | | | | | | |
| Other language(s) | Understanding | | | | Speaking | | | | Writing | | |
| <i>European level (*)</i> | Listening | | Reading | | Spoken interaction | | Spoken production | | | | |
| French | C1 | Experienced user | C1 | Experienced user | C1 | Experienced user | C1 | Experienced user | C1 | Experienced user | |
| English | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | |
| <i>(*) Common European Framework of Reference for Languages</i> | | | | | | | | | | | |
| Social skills and competences | Effective interpersonal communication, active listening ability, empathy, ability to work in teams and independently | | | | | | | | | | |
| Organisational skills and competences | Good ability to coordinate specific activities within the team. | | | | | | | | | | |
| Computer skills/competences | Good command of Microsoft Office tools (Word, Excel, Power Point) | | | | | | | | | | |

Award-winning scientific papers nationwide: 7 (Awards UEFISCDI 2017, 2019, 2020, 2021)

Member of specialized scientific societies in Romania and abroad:

- Society of Pharmaceutical Sciences from Romania (Section Clinical Pharmacy)
- European Society of Clinical Pharmacy
- International Society for Pharmacology IUPHAR
- Romanian Society of Pharmacology, Therapeutics and Clinical Toxicology
- Romanian College of Physicians, Timiș branch

21.02.2022

REPRESENTATIVE WORKS

ISI indexed papers - main author

1. **Mirela Voicu**, Carmen Cristescu, Cristina Zbarcea, Adrian Voicu, Valentina Buda, Liana Suciu, Maria Suciu, Maria Proks, Veronica Bild, Comparative study of antimicrobials use and the antibiotic resistance of gram negative strains, *Farmacia*, 2017, 65(2), 225-229, IF=1.507
2. Codruta Soica#, **Mirela Voicu#**, Roxana Ghiulai, Cristina Dehelean, Roxana Racoviceanu, Cristina Trandafirescu, Oana-Janina Rosca, Gabriela Nistor, Marius Mioc, Alexandra Mioc, Natural Compounds in Sex Hormone-Dependent Cancers: The Role of Triterpenes as Therapeutic Agents; *Front. Endocrinol.*, 21 January 2021, vol 11; art 612396, p 1-28; <https://doi.org/10.3389/fendo.2020.612396>, **IF=5.555**, (# equal contribution)
3. Adrian Voicu, Narcis Duteanu, **Mirela Voicu***, Daliborca Vlad, Victor Dumitrascu, The rcdk and cluster R packages applied to drug candidate selection, *J Cheminform* (2020) 12:3 <https://doi.org/10.1186/s13321-019-0405-0>, **IF 4.154**, (*corresponding author).
4. Roxana Racoviceanu, Cristina Trandafirescu, **Mirela Voicu***, Roxana Ghiulai*, Florin Borcan, Cristina Dehelean, Claudia Watz, Zoltán Aigner, Rita Ambrus, Dorina Elena Coricovac, Denisa Cîrcioban, Alexandra Mioc, Camelia Alexandrina Szuhaneck and Codruta Soica, Solid polymeric nanoparticles of albendazole: synthesis, physico-chemical characterization and biological activity, *Molecules* 2020, 25, 5130; doi:10.3390/molecules25215130, p 1-23, **IF=3.267**, (*corresponding author).
5. Suciu L, Suciu M*, **Voicu M***, Muresan R, Parv FV, Buda V, Cristescu C, Factors Influencing Adherence to Treatment and Quality of Life for a Group of Patients with Essential Hypertension in Romania, *Patient Preference and Adherence*, 26 Feb 2021, 15:483-491; DOI: 10.2147/ppa.s269119; **IF=2.711**, (*corresponding author).

6. Mioc Alexandra; Mioc Marius; Ghiulai Roxana; **Voicu Mirela***; Racoviceanu Roxana; Trandafirescu Cristina; Dehelean Cristina; Coricovac Dorina; Soica Codruta, Gold nanoparticles as targeted delivery systems and theranostic agents in cancer therapy, Current Medicinal Chemistry, may 6, 2019, Bentham Science Publishers, DOI: <https://doi.org/10.2174/0929867326666190506123721>, **IF=4.184**, (*corresponding author).
7. Nicolov M, Ghiulai RM, **Voicu M***, Mioc M, Duse AO, Roman R, Ambrus R, Zupko I, Moaca EA, Coricovac DE, Farcas C, Racoviceanu RM, Danciu C, Dehelean CA, Soica C., Cocrystal formation of betulinic acid and ascorbic acid: synthesis, physico-chemical assessment, antioxidant, and antiproliferative activity. Front Chem. 2019 Feb 21;7:92, doi: 10.3389/fchem.2019.00092, **IF=3.693**, (*corresponding author).
8. Carmen Cristescu, Simona Negreș, Maria Suciu, Adrian Voicu, Valentina Buda, Liana Suciu, Maria Proks, **Mirela Voicu**, Study regarding the parents' use of self – medication among children under 12 years old, Farmacia, 2018, vol 66(5), p 811-819, **IF 1.507**;
9. Andrada Iftode, Teodora Daniela Marti, **Mirela Voicu***, Sebastian Simu, Alina Heghes, Florin Borcan, Andrei Motoc, Evaluation of a skin carcinoma xenograft mice model supplemented by chemical immunosuppression, Revista de chimie 2017, 68(9), 2098-2101; **IF=1,412** (*corresponding author).

ISI indexed papers - co-author

1. Maria Suciu, Liana Suciu, Lavinia Vlaia, **Mirela Voicu**, Valentina Buda, Liana Drăgan, Minodora Andor, Vicențiu Vlaia, Carmen Cristescu, Mircea Hîrjău; The prevalence of inappropriate use of NSAIDS by cardiovascular patients for musculoskeletal disorders; Farmacia, 2020, vol 68, 4; 628-639; **IF=1.607**
2. Maria Proks, Alina Heghes, Adelina Cheveresan, Simona Nita, **Mirela Voicu**, Valentina Buda, Daniela Ionescu, Lucian Nita, Cristina Trandafirescu, Virgil Paunescu, Thyme Leaves Aqueous Extract and its Formulations; A comparative study based on chemical structures and biological activity, Revista de chimie 2019 Volume 70, Number 5; **IF=1.755**

3. Alina Andreea Tischer (Tucuina), Delia Berceanu Vaduva, Nicolae Balica, Alina Heghes, Adelina Cheveresan, **Mirela Voicu**, Delia Horhat, Horatiu Cristian Manea, Marioara Poenaru, Antimicrobial activity of biosynthesized silver nanoparticles compared to standard antibiotics used in oral infections, *Revista de chimie* 2019 Volume 70, Number 7; **IF=1.755**
4. Maria Suciu, Liana Suciu, Lavinia Vlaia, **Mirela Voicu**, Valentina Buda, Liana Drăgan, Minodora Andor, Vicențiu Vlaia, Carmen Cristescu, Prevalence and the patterns of use of non-steroidal anti-inflammatory drugs (NSAIDs) and paracetamol among the general population, *Farmacia*, 2019, Vol. 67, 2; **IF=1.607**
5. Popa Z, Rusu L, Susan R, Pinzaru I, Ardelean E, Borcan F, **Voicu M**, Sas I, Popovici R, Lazureanu V, Obtaining and characterization of a polyurethane carrier used for eugenol as a possible remedy in oral therapies, *Revista de materiale plastice*, vol 55, nr. 1, 2018, 9-13; **IF=1,248**
6. Carmen Axente, Delia Muntean, Luminita Baditoiu, Roxana Moldovan, Elena Hoge, Florin Horhat, Ovidiu Bedreag, Dorel Sandesc, Dorina Dugaescu, **Mirela Voicu**, Victor Dumitrascu, Monica Licker, Beta-lactam resistance mechanisms in pathogens isolated from patients admitted to intensive care unit; *Revista de chimie* 2017, 68(6), 1223-1226, **IF=1,412**
7. Marius Mioc, Sorin Avram, Andrei Branco Tomescu, Daniela Veronica Chiriac, Alina Heghes, **Mirela Voicu**, Adrian Voicu, Cosmin Citu, Ludovic Kurunczi, Studiul derivatilor de 3-mercapt-1,2,4-triazoli ca inhibitori pentru factorul de crestere epidermal (EGFR) si receptorul pentru factorul de crestere endotelial vascular (VEGFR); *Revista de chimie*, 2017, 68(3), 500-503; **IF=1,412**
8. Buda, V.; Andor, M.; Petrescu, L.; Cristescu, C.; Baibata, D.E.; **Voicu, M.**; Munteanu, M.; Citu, I.; Muntean, C.; Cretu, O.; Tomescu, M.C. Perindopril induces *tsp-1* expression in hypertensive patients with endothelial dysfunction in chronic treatment. *Int. J. Mol. Sci.* **2017**, *18*, 348; **IF=3.687**
9. Carmen Axente, Monica Licker, Roxana Moldovan, Elena Hoge, Delia Muntean, Florin Horhat, Ovidiu Bedreag, Dorel Sandesc, Marius Papurica, Dorina Dugaescu, **Mirela Voicu**, Luminita Baditoiu, Antimicrobial consumption, costs and resistance patterns: a two year prospective study in a Romanian intensive care unit, *BMC Infectious Diseases BMC series – open*, 2017 (17):358, <https://doi.org/10.1186/s12879-017-2440-7>; **IF=2,62**

10. Valentina Buda, Minodora Andor, Adriana Ledeti, Ionut Ledeti, Gabriela Vlase, Titus Vlase, Carmen Cristescu, **Mirela Voicu**, Liana Suciu, Mirela Cleopatra Tomescu, Comparative solid-state stability of perindopril active substance vs. pharmaceutical formulation, *Int. J. Mol. Sci.* 2017, *18*(1), 164; doi:10.3390/ijms18010164, **IF=3.687**
11. Valentina Buda, Minodora Andor, Carmen Cristescu, **Mirela Voicu**, Flavia Cochera, Paul Tuduce, Lucian Petrescu, Mirela Cleopatra Tomescu., The effect of candesartan on pentraxin-3 plasma levels as marker of endothelial dysfunction in patients with essential arterial hypertension, *Irish Journal of Medical Science*, 2017, *186*, (3), 621-629. doi: 10.1007/s11845-017-1580-5., **IF=1.045**
12. Valentina Buda, Minodora Andor, Carmen Cristescu, **Mirela Voicu**, Liana Suciu, Călin Muntean, Octavian Crețu, Dana Bâibăță, Cristina Gheorghiu, Mirela Tomescu, The influence of perindopril on PTX3 plasma levels in hypertensive patients with endothelial dysfunction, *Farmacia* 2016; vol.64; nr.3, p.382-389, **IF=1.162**

Scientific research projects:

Grant type A/CNCSIS/2006/code CNCSIS 752, Commission 6/2006; The integrative role of mitochondria in cardioprotection in ischemia / experimental myocardial reperfusion - member of the research team.