PERSONAL INFORMATION

Maria Cristiana MABDA (PROKS)



Timișoara (Romania)
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WORK EXPERIENCE

06/2016–Present

University Teaching Assistant

“Victor Babeș” University of Medicine and Pharmacy, Timișoara (Romania)

Faculty of Pharmacy

Department of Pharmacology, Physiology and Pathophysiology; Department II

Subjects: Pharmacology – Pharmacotherapy, Microbiology, Human Anatomy, Ethics and Academic Integrity, Professional Competences in the Medical-Pharmaceutical Field, Epidemiology

Teaching and coordinating laboratory practicals for the undergraduate (bachelor’s) study programmes in Pharmacy (Romanian, French and English sections) and Medical Cosmetics, and for the master’s degree programmes; scientific research activity.

01/2017–06/2024

Research Assistant

Center for Gene and Cellular Therapies in the Treatment of Cancer – OncoGen, Timișoara (Romania)

11/2015–05/2016

Pharmacist – Analytical Method Validation Coordinator

B. Braun Melsungen AG, Melsungen (Germany)

“Chemical Analytics” Department

04/2014–10/2015

Pharmacist

B. Braun Pharmaceuticals SA, Timișoara (Romania)

“Research & Development” Department

02/2015 – 07/2015: B. Braun Melsungen AG (Germany)

EDUCATION AND TRAINING

2026–Present

Master’s Degree – Pharmacovigilance and Clinical Trial Monitoring

“Victor Babeș” University of Medicine and Pharmacy, Timișoara (Romania)

2019–2021

Master’s Degree – OTC Medicines, Food Supplements, Cosmetics

“Victor Babeș” University of Medicine and Pharmacy, Timișoara (Romania)

Thesis title: “Medicinal plants as a source of biologically active compounds against the viruses causing severe acute respiratory syndrome”

2015–2020

PhD

“Victor Babeș” University of Medicine and Pharmacy, Timișoara (Romania)

PhD in Medicine – under the supervision of Prof. Virgil Păunescu, MD, PhD

Thesis title: “Biosynthesis and formulations based on Thymus vulgaris extract in the approach to breast cancer: in vitro experimental studies”

2016–2017

Psycho-Pedagogical Training Module (teacher training)

West University of Timișoara, Timișoara (Romania)

2009–2014

Bachelor's Degree – Faculty of Pharmacy

"Victor Babeș" University of Medicine and Pharmacy, Timișoara (Romania)

Thesis title: "Applications of nanoformulations in skin pathology and autoimmune diseases"

Final grade: 9.98 (out of 10)

2001–2009

Baccalaureate Diploma

"Nikolaus Lenau" High School, Timișoara (Romania)

Sprachdiplom (C1 Certificate – German language)

PERSONAL SKILLS

Mother tongue(s): Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C1	C1	C1	C1	C1
English	B2	B2	B2	B2	B2
French	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user. Common European Framework of Reference for Languages

Communication skills: Perseverant, ambitious, responsible, team player, strong learning ability, collaborative and quick to adapt; able to build good professional relationships with people of different nationalities and cultures; participation in local and national student congresses.

Job-related skills: Analytical method validation coordinator

In vitro cell cultures (cell viability and cytotoxicity assays)

Experience with analytical laboratory equipment – chromatographic techniques (HPLC and GC-MS), UV-Vis, titrator, pH meter

Laboratory-specific software: Lisa.Lims (Laboratory Information and Management System); Agilent ChemStation; OpenLAB CDS EZChrom

Certificates / Diplomas: International Workshop Certificate "3D Epidermal Model Workshop – Skin Irritation Test according to OECD TG 439", organised by MatTek
Timișoara, Romania

Certificate "OpenLAB CDS EZChrom User Training"
B. Braun Melsungen, Germany

Certificate "Laboratory Information and Management System" (system overview, main functions, user actions)
B. Braun Melsungen, Germany

Certificate "Pipette Training" (technique, guidelines, safety, handling)
B. Braun Melsungen, Germany

GMP Training Certificate (raw data verification and approval, design and development of pharmaceutical products, GMP delimitation, SOP raw data verification review)
B. Braun Melsungen, Germany

1st Prize for outstanding merit in student activity
Timișoara, Romania

2nd Prize at the "XVI International Congress for Medical Students and Young Doctors"
Timișoara, Romania

LIST OF SCIENTIFIC PUBLICATIONS

Scientific papers indexed ISI / IDB: Proks M, Hegheș A, Chevereșan A, Nita S, Voicu M, Buda V, Ionescu D, Nita L, Trandafirescu C, Păunescu V. Thyme Leaves Aqueous Extract and its Formulations. Revista de Chimie, 2019;70(5):1875-1878. ISI, impact factor 1.755/2019 (first author)

Tuță-Sas I, Proks M, Păunescu V, Pinzaru I, Sas I, Coricovac D, Moacă A, Dehelean CA. THYMUS VULGARIS EXTRACT FORMULATED AS CYCLODEXTRIN COMPLEXES: SYNTHESIS, CHARACTERIZATION, ANTIOXIDANT ACTIVITY, AND IN VITRO CYTOTOXICITY ASSESSMENT. Farmacia, 2019; 67(3):442-451, Doi:10.31925/farmacia.2019.3.10. ISI, impact factor 1.607/2018 (first author)

Proks M, Borcan F, Cheveresan A, Pinzaru I, Guta BA, Coricovac D, Paunescu V, Lazureanu V. Study on the Release and Bioevaluations of Green Silver Nanoparticles Entrapped Inside Polymer-based Nanovesicles. MATERIALE PLASTICE, 2018; 55(4):696-699. ISI, impact factor 1.393/2018 (first author)

Buda V, Prelipcean A, Andor M, Dehelean L, Dalleur O, Buda S, Spatar L, Mabda MC, Suciu M, Danciu C, Tudor A, Petrescu L, Cristescu C. Potentially Inappropriate Prescriptions in Ambulatory Elderly Patients Living in Rural Areas of Romania Using STOPP/START (Version 2) Criteria. Clinical Interventions in Aging, 2020; 15:407-417; ISI, impact factor 3.023/2020 (co-author)

Pahonțu E, Proks M, Shova S, Lupașcu G, Ilieși DC, Bărbuceanu ȘF, Socea LI, Badea M, Păunescu Vi, Istrati D, Gulea A, Drăgănescu D, Pîrvu CED. Synthesis, characterization, molecular docking studies and in vitro screening of new metal complexes with Schiff base as antimicrobial and antiproliferative agents. Applied Organometallic Chemistry, 2019; 33:e5185. ISI, impact factor 3.140/2019 (corresponding author)

Danciu C, Cioanca O, Watz Farcas C, Hancianu M, Racoviceanu R, Muntean D, Zupko I, Oprean C, Tatu C, Paunescu V, Proks M, Diaconeasa Z, Soica C, Pinzaru I, Dehelean C. Botanical Therapeutics (Part II): Antimicrobial and In Vitro Anticancer Activity against MCF7 Human Breast Cancer Cells of Chamomile, Parsley and Celery Alcoholic Extracts. Anti-cancer Agents in Medicinal Chemistry, 2020;21(2):187-200. ISI, impact factor 2.049/2020 (co-author)

Danciu C, Munten D, Alexa E, Farcas C, Oprean C, Zupko I, Bor A, Minda D, Proks M, Buda V, Hancianu M, Cioanca O, Soica C, Popescu S, Dehelean CA. Phytochemical Characterization and Evaluation of the Antimicrobial, Antiproliferative and Pro-Apoptotic Potential of Ephedra alata Decne. Hydroalcoholic Extract against the MCF-7 Breast Cancer Cell Line. Molecules. 2019; 24(1). Doi: 10.3390/molecules24010013. ISI, impact factor 3.267/2018 (co-author)

Coricovac D, Farcas C, Nica C, Pinzaru I, Simu S, Stoian D, Soica C, Proks M, Avram S, Navolan D, Dumitru C, Popovici RA and Dehelean CA. Ethinylestradiol and Levonorgestrel as Active Agents in Normal Skin, and Pathological Conditions Induced by UVB Exposure: In Vitro and In Ovo Assessments. International Journal of Molecular Sciences. 2018; 19(11); doi:10.3390/ijms19113600. ISI, impact factor 4.183/2018 (co-author)

Cristescu C, Negres S, Suciu M, Voicu A, Buda V, Suciu L, Proks M, Voicu M. Study regarding the parents' use of self-medication among children under 12 years old. Farmacia. 2018; 66(5):811-819. DOI: 10.31925/farmacia.2018.5.10. ISI, impact factor 1.527/2018 (co-author)

Voicu M, Cristescu C, Zbarcea CE, Voicu A, Buda V, Suciu L, Suciu M, Proks M, Bild V. Comparative study of antimicrobials use and the antibiotic resistance of gram negative strains. Farmacia. 2017; 65(2):225-229. ISI, impact factor 1.507/2017 (co-author)

Bucatos BO, Kundnani NR, Dehelean L, Romosan AM, Romosan R, Cojocaru A, Ardelean MV, Proks M, Nussbaum LA. Quality of Life in Adolescents with Schizophrenia: The Importance of Social Cognition and Residual Psychopathology in the Context of CYP2D6 Polymorphism. Healthcare. 2026; 14(11), 1574. ISI, impact factor 3.4/2026 (co-author)

ISI abstracts

Buda V, Andor M, Cristescu C, Proks CM, Suciu L, Petrescu L, Andrica FM, Tuduce P, Pop D, Muntean C, Daraban A, Borcan LC, Daneasa D, Tomescu MC. The influence of perindopril on endoglin plasma levels compared with other antihypertensive drugs, in a chronic treatment. European Heart Journal, Volume 38, Issue suppl_1, 1 August 2017, ehx502.P2633, https://doi.org/10.1093/eurheartj/ehx502.P2633. Published ABSTRACT, ISI, impact factor 20.212/2016 (co-author)

Suciu M, Vlaia L, Suciu L, Dragan L, Vlaia V, Voicu M, Buda V, Andor M, Proks C, Cristescu C. Cause for concern in the use of non-steroidal antiinflammatory drugs by the cardiovascular population. Atherosclerosis. 2017; 263:e183, doi: https://doi.org/10.1016/j.atherosclerosis.2017.06.586. Published ABSTRACT, ISI, impact factor 4.467/2017 (co-author)

Buda V, Andor M, Cristescu C, Voicu M, Suciu L, Suciu M, Proks CM, Muntean C,

Munteanu M, Tuduce P, But AR, Udrescu L, Baibata DM, Pop D, Tomescu MC. TSP-1 plasma levels in hypertensive patients with endothelial dysfunction after one year of treatment with ace inhibitors. Atherosclerosis. 2017; 263:e139-e140, doi: https://doi.org/10.1016/j.atherosclerosis.2017.06.445. Published ABSTRACT, ISI, impact factor 4.329/2017 (co-author)

Suciu M, Suciu L, Drăgan L, Voicu M, Buda V, Mabda MC, Vlaia L, Andor M, Vlaia V, Negreș S, Cristescu C. Appraisal Of The Knowledge And Behaviors Of Hypertensive Patients To Self-Management Of Hypertension – A Qualitative Study In The Community Pharmacy. Atherosclerosis, 2019; 287:e158-159, DOI: 10.1016/j.atherosclerosis.2019.06.476. Published ABSTRACT, ISI, impact factor 4.255/2018 (co-author)

Suciu M, Vlaia L, Suciu L, Dragan L, Vlaia V, Voicu M, Buda V, Mabda CM, Andor M, Negres S, Cristescu C. Exploring the knowledge, the reasons and the prevalence of the contraindicated use of combined oral contraceptives. Atherosclerosis, 2018; 275:e219. Published ABSTRACT, ISI, impact factor 4.255/2018 (co-author)

Proks-Mabda M, Petrescu AM, Ilia G, Paunescu V. LD/MM + Simulation of some coupled species in box water. New Frontiers in Chemistry, 2019; 28(1):63-65. Published ABSTRACT, ISI, impact factor 3.420/2019 (co-author)

Scientific papers published in peer-reviewed journals and conference proceedings (non-indexed)

Carmen Cristescu, Liana Suciu, Liana Draga, Mirela Voicu, Maria Suciu, Valentina Buda, Maria Proks. Hipertensiunea arteriala nocturna: implicatii clinice si solutii terapeutice [Nocturnal arterial hypertension: clinical implications and therapeutic solutions]. National Conference of Clinical Pharmacy, 2nd edition, Bucharest, 15–17 June 2017, p. 24

Mirela Voicu, Valentina Buda, Liana Suciu, Maria Suciu, Maria Proks, Carmen Cristescu. Abordari terapeutice moderne, centrate pe caz, in sindromul de ovar polichistic [Modern case-centred therapeutic approaches in polycystic ovary syndrome]. National Conference of Clinical Pharmacy, 2nd edition, Bucharest, 15–17 June 2017, p. 34

Maria Suciu, Mirela Voicu, Liana Suciu, Valentina Buda, Cristiana Maria Proks, Carmen Cristescu. Consilierea farmaceutica privind automonitorizarea ambulatorie a pacientilor cu hipertensiune arteriala esentiala si diabet zaharat tip II [Pharmaceutical counselling on ambulatory self-monitoring of patients with essential arterial hypertension and type II diabetes mellitus]. National Conference of Clinical Pharmacy, 2nd edition, Bucharest, 15–17 June 2017, p. 40

Liana Suciu, Mirela Voicu, Maria Suciu, Valentina Buda, Maria Proks, Carmen Cristescu. Evaluarea farmacoeconomica a tratamentului antihipertensiv prin aplicarea modelului Markov la pacientii cu hipertensiune arteriala esentiala [Pharmacoeconomic evaluation of antihypertensive treatment using the Markov model in patients with essential arterial hypertension]. National Conference of Clinical Pharmacy, 2nd edition, Bucharest, 15–17 June 2017, p. 40

Liana Suciu, Maria Suciu, Mirela Voicu, Valentina Buda, Cristiana Maria Proks, Carmen Cristescu. Interactiuni medicamentoase cu risc de prelungire a intervalului QT la pacienti cu afectiuni psihotice [Drug interactions with risk of QT interval prolongation in patients with psychotic disorders]. “Medicine from Idea to Clinic”. Proceedings of the conference “Zilele Medicamentului” (Days of Medicine), 25th edition, Iași, 2017, pp. 117-119, Editura Pan Europe, Iași, 2017. ISBN: 978-973-8483-82-8

Mirela Voicu, Valentina Buda, Adrian Voicu, Maria Suciu, Liana Suciu, Maria Proks, Carmen Cristescu. Abordari terapeutice in patologia migrenei [Therapeutic approaches in migraine pathology]. “Medicine from Idea to Clinic”. Proceedings of the conference “Zilele Medicamentului” (Days of Medicine), 25th edition, Iași, 2017, pp. 125-126, Editura Pan Europe, Iași, 2017. ISBN: 978-973-8483-82-8

Buda Valentina, Prelipcean Andreea, Voicu Mirela, Suciu Maria, Suciu Liana, Mabda Maria Cristiana, Cristescu Carmen. Potentially inappropriate prescriptions in ambulatory elderly patients, living in rural zones of the western part of Romania, using STOPP/START version 2 criteria. National Conference of Clinical Pharmacy “Clinical Pharmacy in the 21st Century”, 3rd edition, Bucharest, 2019, p. 34. ISBN: 978-973-0-24609-4

Chapters published by national publishers

Mirela Voicu, Cristiana Mabda – Chapter 53 (Epilepsy) in: Wells Barbara G., Schwinghammer Terry L., DiPiro Joseph T., DiPiro Cecily V.; coordinator of the Romanian edition: Adina Popa. Manual de farmacoterapie [Pharmacotherapy Handbook], 10th edition, Editura Prior & Books, 2019; ISBN 978-973-88039-3-0

Published books

Codruța Șoica, Roxana Negrea Ghiulai, Alexandra Mioc, Liana Suciu, Maria Cristiana Mabda. Farmacologie – Farmacoterapie. Note de curs. Vol. I [Pharmacology – Pharmacotherapy. Lecture Notes, Vol. I]. Editura „Victor Babeș”, ISBN 978-606-786-370-

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Diana Uțu, Alina Jojic, Cristiana Mabda, Gabriela Antal, Gabriel Mardale, Mirela Voicu, Sergio Liga, Georgiana Stanus. Microbiologie specială. Virusologie, Parazitologie, Micologie [Special Microbiology. Virology, Parasitology, Mycology]. Editura „Victor Babeș”, 2024, ISBN 978-606-786-402-1

Diana Uțu, Alina Jojic, Cristiana Mabda, Mirela Voicu, Sergio Liga. Microbiologie specială. Bacteriologie [Special Microbiology. Bacteriology]. Editura „Victor Babeș”, 2025, ISBN 978-606-786-468-7