



Mădălina-Veronica Boruga

Date of birth: 20/09/1979

Gender: Female

CONTACT

4, Eftimie Murgu Square
30041 Timișoara, Romania
(Work)

<mailto:madalina.boruga@umft.ro>

WORK EXPERIENCE

- **"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy**
Timișoara, Romania
Department Toxicology, Drug industry, Management and Legislation
Associated professor
2025 – Current
- **"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy**
Timișoara, Romania
Department Toxicology, Drug industry, Management and legislation
Lecturer
03/10/2022 – 2024
- **Clinic Life** Timișoara, Romania
Economist
18/03/2022 – 03/10/2022
- **BRD Groupe Societe Generale** Timișoara, Romania
Director
08/2006 – 17/03/2022
- **BRD Groupe Societe Generale** Timișoara, Romania
Commercial technical advisor
01/05/2005 – 21/08/2006

EDUCATION AND TRAINING

- **11/2022 – 12/2022** București, Romania
Graduation Certificate - Entrepreneurial Skills SC ILBAH STUDIO SRL
- **2021** Timișoara, Romania
PhD "Victor Babeș" University of Medicine and Pharmacy, Faculty of Medicine
- **2016 – 2018** Timișoara, Romania
Master degree in Pharmacy - OTC drugs, dietary supplements, cosmetics "Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy
- **2004 – 2006** Timișoara, Romania
Master degree in Economic Sciences West University of Timișoara, Faculty of Economic Sciences, Marketing Research Department
- **2001 – 2006** Timișoara, Romania
Pharmacist "Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy

1998 – 2002 Timișoara, Romania

Economist West University of Timișoara, Faculty of Economic Sciences, Insurances, Finances Department

1994 – 1998 Drobeta Turnu Severin, Romania

Bachelor degree "Teodor Costescu" Economic High School, Finance-Accounting specialization

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English -Certificate of English language proficiency no 3289411/10.12.2024

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

French - Certificate of French language proficiency No 32887/10.12.2024

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Team work and very good communication skills | Empathic skill | Good creativity applied across different problem solving scenarios in personal projects. | Adaptability and responsibility | Digital tools for communication, collaboration and learning

PUBLICATIONS

2025

Hydrogen Peroxide-Free Color Correctors for Tooth Whitening in Adolescents and Young Adults: A Systematic Review of In Vitro and Clinical Evidence

Authors Boruga, M ; Tapalaga, G ; Luca, MM | **Journal Name** DENTISTRY JOURNAL |

Volume, Issue and Pages Volume13Issue8 |

2025

The Therapeutic Potential of Insulin Eye Drops in Neurotrophic Keratopathy: A Comprehensive Review

Authors Scripca, R ; Istrate, S ; Ungureanu, E ; Oprea, S ; Anton, N ; Boruga, M et al | **Journal Name** BIOMEDICINES |

Volume, Issue and Pages Volume13Issue7 |

2024

A Review Of Abdominal Aortic Aneurysms: Risk Factors, Screening, Pharmacological Approach,

Brie Da; Jianu, Am; Popescu R; Marcovici Tm; Muntean, I ; Puscasiu D ; Mituletu, M; Brie Dm; Boruga M, Volume72, issue2, page262-272, Mar-Apr 2024, Farmacia,FI=1,4 *ultim autor

2024

Kidney Function Tests and Continuous eGFR Decrease at Six Months after SARS-CoV-2 Infection in Patients Clinically Diagnosed with Post-COVID Syndrome

Boruga M, Septimiu-Radu S, Nandarge PS, Elagez A, Doros G, Lazureanu VE, Stoicescu ER, Tanase E, Iacob R, Dumitrescu A, Bota AV, Cotoraci C, Bratu M, 24;12(5):950. doi: 10.3390/biomedicines12050950. PMID: 38790912; PMCID: PMC11117851, FI=3,9

Journal Name Biomedicines |

2024

Comparative Analysis of qSOFA, PRIEST, PAIN, and ISARIC4C Scores in Predicting Severe COVID-19 Outcomes Among Patients Aged over 75 Years

Daniela Rosca, Vamsi Krishna, Chandramouli Chetarajupalli, Adelina Maria Jianu, Ilo, 12, 304. <https://doi.org/10.3390/diseases12120304>, FI= 2,9na Eموke Deak, Claudia Raluca Balasa Virzob, Sorina Maria Denisa Laitin, Madalina Boruga, Rodica Lighezan,

Journal Name Disease |

2024

Kidney Function Tests and Continuous eGFR Decrease at Six Months after SARS-CoV-2 Infection in Patients Clinically Diagnosed with Post-COVID Syndrome

Authors Boruga, M ; Septimiu-Radu, S ; Nandarge, P | Journal Name BIOMEDICINES |

Volume, Issue and Pages Volume12Issue5 |

2024

Clinical Outcomes and Molecular Predictors of Pembrolizumab (Keytruda) as a PD-1 Immune Checkpoint Inhibitor in Advanced and Metastatic Cervical Cancer: A Systematic Review and Meta-Analysis

Balan L, Cimpean AM, Nandarge PS, Sorop B, Balan C, Balica MA, Bratosin F, Brasoveanu S, Boruga M, Pirtea L, 16;12(5):1109. doi: 10.3390/biomedicines12051109. PMID: 38791070; PMCID: PMC11117617, FI=3,9

Journal Name Biomedicines |

2023

Pentoxifylline And Inflammation Markers In Patients With Acute Coronary Syndrome,

Brie DM; Mornos C ; Brie DA; Constantin TL; Petrescu L; Boruga, M, Volume 71, Issue 2, Page 384-391,

Journal Name Farmacia |

2023

Nasal polyposis from cystic fibrosis in children - the experience of a single center.

Iovănescu G, Pop LL, Vintilă DR, Marin KC, Mogoantă CA, Lăzureanu DC, Borugă VM, Ciucă IM, 64(2):235-240. doi: 10.47162/RJME.64.2.14. PMID: 37518881; PMCID: PMC10520370, FI= 1,2

Journal Name Rom J Morphol Embryol |

2022

Polyphenols Content And In Vitro Antitumour Activity Of Hydroalcoholic Extract Of Viscum

Salavat, Madalina-Casiana Palfi; Racea, Robert Cosmin; Draghici, George; Seclaman Edward Paul; Munteanu, Mihnea; Musat, Ovidiu; Ungureanu, Emil; Milcu Adina-Iuliana; Boruga, Madalina-Veronica; Rusu Laura; Dinu, Stefania, issue5, page807-815, FI=1,6

Journal Name Farmacia |

2022

Potential role for pentoxifylline as an anti-inflammatory drug for patients with acute coronary syndrome

Brie DM, Mornos C, Brie DA, Luca CT, Petrescu L, Boruga M, 23(6):378. doi: 10.3892/etm.2022.11305

Journal Name Exp Ther Medicine |

2022

Allergic rhinitis associated with nasal polyps and rhinosinusitis - histopathological and immunohistochemical study

Iordache A, Balica NC, Horhat ID, Morar R, Tischer AA, Milcu AI, Salavat MC, Borugă VM, Niculescu B, Iovănescu G, Popa ZL, Apr-Jun;63(2):413-419. doi: 10.47162/RJME.63.2.12.

Journal Name Rom J Morph Embryo |

2021

Assessment of olive leaves extract – cytotoxicity in vitro and angiogenesis in ovo

Boruga VM, Enătescu V, Pînzaru I, Szuhaneck C, Minda D, Marcovici I, Radu D, Marti D, Vlaicu B, Suci O, 69(1), 38-43, 1.433, FI=1,55

Journal Name Farmacia |

2021

Comparative analysis of COL9A1 genotyping in oral squamous cell carcinoma diagnosis: a pilot study

Roi A, Andreescu NI, Roi CI, Negrutiu ML, Sinescu C, Ravis M, Boruga MV, Rusu LC. 11, 11102, FI= 2.838

Journal Name Applied Sciences |

2021

A survey to assess the incidence of Down syndrome risk in rural southwestern Romania.

Sorop VB, Enatescu I, Malita DC, Szuhaneck C, Sorop Florea M, Balan L, Istrate SI, Boruga MV, Radu D, Anastasiu DM, Susan M. 22, 1066

Journal Name Exp Ther Med |

2021

Cystic hygroma of the neck - case report.

Borugă VM, Szilagyi DN, Prodea M, Mogoantă CA, Budu VA, Trandafir CM, Dema S, Mușat O, Iovănescu G. 62(3): 845-848. doi: 10.47162/RJME.62.3.24.

Journal Name Rom J Morph Embryo |

2021

In vitro and in ovo experimental study of two anti-VEGF agents used in ophthalmology

Palfi MC, Mușat O, Șeclăman EP, Munteanu M, Milcu AI, Iordache A, Dolghi A, Istrate SL, Barac IR, Borugă VM. 2021 Jul-Sep;62(3):801-806. doi: 10.47162/RJME.62.3.18. PMID: 35263409; PMCID: PMC9019627, FI= 0.833,

2021

Assessment of betulinic acid cytotoxicity and mitochondrial metabolism impairment in a human melanoma cell line.

Coricovac D, Dehelean CA, Pinzaru I, Mioc A, Aburel OM, Macasoi I, Draghici GA, Petean C, Soica C, Boruga M, Vlaicu B, Muntean MD, 2021, 22, 4870, FI= 6.208

Journal Name International Journal of Molecular Sciences 2021, 22, 4870, FI= 6.208 coautor |

2021

In vitro pharmaco-toxicological characterization of Melissa officinalis total extract using oral, pharynx and colorectal carcinoma cell lines

Guran K, Buzatu R, Pinzaru I, Boruga M, Marcovici I, Coricovac D, Avram S, Poenaru M, Susan M, Susan R, Radu D, Dehelean CA. 2021, 9, 850, FI= 3.352 coautor

Journal Name Processes |

2020

Oral lichen planus - case report.

Vlad CS, Vlad DC, Popescu R, Borugă VM, Istrate SL, Flangea C, Barac BG, Malița IM, Șipoș SI, Baderca F. ,2020 Apr-Jun;61(2):563-567. doi: 10.47162/RJME.61.2.28. IF 1.033 coautor

Journal Name Rom J Morph Embryo |

2019

Bevacizumab in Wet AMD treatment: a tribute to the thirteen years of experience from the beginning of the anti-VEGF era in Romania

Stanca HT, Stanca S, Tabacaru B, Boruga M, Balta F, 2019, 18, 4993-5000, 1.785 coautor

Journal Name Exp Ther Med |

2019

Encapsulation of three different crude extract rich in triterpenes in a biocompatible polymer and their evaluation in vitro for further applications as anti-inflammatory and/or anti-tumor alternative therapeutic agents

Biris M, Gluhovschi A, Boruga M, Lazureanu V, Moza I, Boruga O, Vlaicu B, Poenaru M. 56(1), 282-284, 1.517 coautor

Journal Name Materiale Plastice |

2021

Olive leaf extracts and bioactive phenolic compounds related to population health. Journal of Agroalimentary Processes and Technologies

Boruga VM, Vlaicu B. 2021, 27(1), 46-51

Journal Name Journal of Agroalimentary |

2020

Biocompatible polymers in dermatocosmetic formulations. Produsele dermo-cosmetice ca formulare. Testarea sigurantei produselor cosmetice

Boruga M, Boruga O, Vlaicu B. Ed. Victor Babes 2020, p. 72. ISBN 978-606-786-155-6

Journal Name Ed. Victor Babes |

2020

The cytotoxic profile of a formulation based on olive leaf extract as a base for cosmetic products. Aplicatii ale metodelor experimentale in analiza produselor cosmetice cu principii active

Boruga M, Vlaicu B, p. 57. ISBN 978-606-786-156-3

Journal Name Ed Victor Babes 2020, |

DRIVING LICENCE

Driving Licence: B