



Curriculum Vitae

Personal information **Mateja Mervic**

Work experience

I have been employed as an Associate for Availability of Medicines at the Agency for Medicinal Products and Medical Devices of Croatia since March 2024. The main activities of this position are connected to approvals for entry or import of medicinal products, exemptions to the translation of the package leaflet and labelling of medicinal products into the Croatian language as well as monitoring medicine shortages in Croatia.

Prior to the Agency for Medicinal Products and Medical Devices of Croatia, I was employed as a teaching assistant at the Department of Pharmacognosy at the Faculty of Pharmacy and Biochemistry of the University of Zagreb, Croatia from September 2017 to August 2023. At the faculty I learned to conduct chromatographic and spectrophotometric methods of analysis and I participated in obligatory and elective courses. Furthermore, I participated in the organization of the proficiency exam for pharmacists at the Centre for Applied Pharmacy at the Faculty of Pharmacy and Biochemistry in Zagreb. I worked at the same department from January to June 2017 as a substitute teaching assistant.

My professional training for pharmacists took place from January to June 2016 and during said time I completed my internship at a pharmacy, hospital pharmacy and an analytical and galenic laboratory.

Education and training

October 2023 – Present: German course

Since 2023 I have been enrolled at the Goethe-Institut Kroatien in Zagreb, Croatia where I completed German courses and exams at levels C1.1 and C1.2.

December 2017 – December 2023: Postgraduate doctoral programme “Pharmaceutical and Biochemical Sciences” (degree: Doctor of Philosophy, PhD)

I was enrolled in the programme at the Faculty of Pharmacy and Biochemistry of the University of Zagreb, Croatia. I successfully defended my doctoral thesis in December 2023.

October 2011 – September 2016: Integrated undergraduate and graduate programme, academic major: Pharmacy (degree: Master of Pharmacy,

MPharm)

I was enrolled in the programme at the Faculty of Pharmacy and Biochemistry of the University of Zagreb, Croatia. I defended my master's thesis and completed my proficiency exam in 2016.

September 2007 – June 2011: Secondary school

I received grammar school education and graduated in 2011 in Zagreb, Croatia.

September 2012-June 2012: Music school

I received a ten-year musical training at a primary and secondary music school in Zagreb, Croatia. After completing my graduation concert, I became a violinist by occupation.

1999-2009: English course

I completed an English course at the “Svjetski jezici” foreign languages school in Zagreb, Croatia.

1999-2007: Primary school

I received primary education and graduated from primary school in 2007.

FOREIGN LANGUAGES AND CERTIFICATES:

English: Cambridge ESOL Exam completed in 2010 – obtained the Certificate in Advanced English (CAE) and level C2

German: Goethe-Institut Kroatien Module C1.1 and C1.2 Exams completed in 2023 and 2024 (grade: A)

Italian: Third Foreign Language Exam at the Faculty of Humanities and Social Sciences of the University of Zagreb completed in 2011 – obtained certificate at level A2

Additional information

Publications

PUBLISHED RESEARCH ARTICLES:

1. **Mervic M**, Bival Stefan M, Blazekovic B, Kindl M, Marijan M, Vladimir-Knezevic S. Comparative antioxidant, anti-acetylcholinesterase and anti- α -glucosidase activities of Mediterranean *Salvia* species. *Plants*. 2020; 11: 625.
2. Vladimir-Knezevic S, Perkovic M, Zagajski Kucan K, **Mervic M**, Rogosic M. Green extraction of flavonoids and phenolic acids from elderberry (*Sambucus nigra* L.) and rosemary (*Rosmarinus officinalis* L.) using deep eutectic solvents. *Chem Pap*. 2022; 76: 341-349

PARTICIPATION AT INTERNATIONAL AND DOMESTIC CONGRESSES:

1. **Mervic M**, Bival Stefan M, Blazekovic B, Vladimir-Knezevic S: The effect of selected *Salvia* species on elastase and tyrosinase

- activity.//Programme of the 7th Croatian Congress on Pharmacy with International Participation. Dubrovnik, Croatia, 2024, p. 34. (poster presentation)
2. Maravic-Vlahovick G, Kindl M, Andricevic K, **Mervic M**, Dragovic-Uzelac V, Vladimir-Knezevic S. Effect of *Satureja montana* L. essential oil on quorum-sensing-controlled virulence factors and biofilm production of *Pseudomonas aeruginosa*.//71st International Congress and Annual Meeting of the society for Medicinal Plant and Natural Product Research (GA) at Trinity College Dublin, Ireland, 2023 (poster presentation)
 3. Vladimir-Knezevic S, Bival Stefan M, **Mervic M**, Rajkovaca K, Petkovic T, Mandic M, Blazekovic B, Dragovic-Uzelac V. Usporedno ispitivanje antioksidacijskog ucinka odabranih biljnih polifenola i njihove sposobnosti inhibicije acetilkolinesteraze i α -glukozidaze.//FARMEBS – 10th Symposium of Pharmacy and Medical Biochemistry Students in Zagreb, Croatia 2022 (poster presentation)
 4. Vladimir-Knezevic S, Bival Stefan M, **Mervic M**, Rajkovaca K, Petkovic T, Mandic M, Blazekovic B, Dragovic-Uzelac V. Evaluation of selected plant polyphenols as antioxidants and inhibitors of acetylcholinesterase and α -glucosidase.//Polyphenols Applications 2022 World Congress Valencia, Spain, 2022 (poster presentation)
 5. Vladimir-Knezevic S, Blazekovic B, Bival Stefan M, Kindl M, **Mervic M**. New insights into the potential use of medical cannabis in cancer care. //Libri Oncologici Zagreb, Croatia, 2022 (poster presentation)
 6. Vladimir-Knezevic S, Blazekovic B, Bival Stefan M, Kindl M, **Mervic M**. Historical pharmacognostic collection and library at the University of Zagreb. //Planta Medica Innsbruck, Austria, 2019 (poster presentation)
 7. Kindl M, Blazekovic B, **Mervic M**, Bival Stefan M, Vladimir-Knezevic S. Gavezov korijen u svjetlu klinickih istraživanja. //Book of abstracts of the 1st Croatian Congress on Dermatopharmacy with International Participation: Patient Adherence to Dermatological Therapy./ Pepic I, Galic A (ur.) Zagreb, Croatia, Croatian Pharmaceutical Society, 2018 (poster presentation)
 8. Blazekovic B, Kindl M, Bival Stefan M, **Mervic M**, Vladimir-Knezevic S. Preclinical evidence on the anticancer properties of phytocannabinoids. //Libri oncologici Dubrovnik, Croatia, 2017 (poster presentation)

Projects

From December 2019 to October 2023 I worked as a collaborator of the project “Bioactive molecules of medicinal plants as natural antioxidants, microbicides and preservatives”. The main applicant of the project was the Faculty of Food Technology and Biotechnology of the University of Zagreb, Croatia.

Memberships

I am a member of the Croatian Chamber of Pharmacists and the Croatian Pharmaceutical Society.

Other Relevant Information