

**NAME AND FAMILY NAME: Marija Jovanović**

**Employment Information:**

- 2017. Assistant professor  
Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy,  
University of Belgrade, Serbia
- 2014. Teaching assistant (re-election)  
Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy,  
University of Belgrade, Serbia
- 2011. Teaching assistant  
Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy,  
University of Belgrade, Serbia
- 2009. Associate  
Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy,  
University of Belgrade, Serbia
- 2009. Internship  
Pharmacy “Beograd“, hospital pharmacy - Clinical Centre of Serbia

**Education:**

- 2016 . Doctor of medical sciences - pharmacy, PhD studies in Pharmacokinetics and  
Clinical Pharmacy, Faculty of Pharmacy, University of Belgrade, Serbia
- 2013 -  
Postgraduate medical specialization in Clinical Pharmacy, Faculty of Pharmacy,  
University of Belgrade, Serbia
- 2012. Specialist in pharmacy  
Postgraduate specialization in Pharmaceutical Care, Faculty of Pharmacy, University of  
Belgrade, Serbia
- 2010. National exam for pharmacist  
Ministry of Health, Republic of Serbia
- 2008. MPharm,  
Faculty of Pharmacy, University of Belgrade, Serbia
- 2002. Grammar school

**Training:**

- 2020 (10.01.-10.02.) Study visit at the Faculty of Pharmacy, University of Lisbon,  
Portugal within the COST (CA16205) project (Short Term Scientific Mission:  
Application of modeling tools in describing and predicting drug absorption and  
exposure)

- 2019. Symcip Focused Workshop: Predicting age-related changes to pharmacokinetics and drug-drug interactions including associated variability; linking this information to drug response in the paediatric population, Stockholm, Sweden
- 2019. Advanced Methods in NONMEM 7.4 Workshop, Stockholm, Sweden
- 2018 4-month visit at the Department of Biopharmacy and Pharmacokinetics, University of Ljubljana, Slovenia within the project co-financed by the European Union
- 2017. Pharmacogenomics Certificate Program (on-line kurs), Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado, USA
- 2015. Non Linear Mixed Effect Modeling course in the framework of Phoenix programme (Phoenix Non Linear Mixed Effect Modeling Workshop: Introductory and Advanced workshop)
- 2012. One-month visit at the Chair of Biopharmaceuticals and Pharmacokinetics, Faculty of Pharmacy, University of Ljubljana, Slovenia
- 2012. UPSS (Uppsala Pharmacometric Summer School), University of Uppsala, Sweden
- 2012. ESPT (Summer School on Pharmacogenomics and Theranostics), Ljubljana, Slovenia
- 2011 - 2012. (two short term visits): Training in Clinical pharmacy in three governmental hospitals in London, UK; Cooperation with School of Pharmacy, University College London, provided by TEMPUS (Trans-European mobility scheme for university studies)
- 2011. Course Application of UHPLC/MS/MS techniques in pharmaceutical analytics, clinical diagnostics and toxicology, Faculty of Pharmacy, University of Belgrade, Serbia
- 2011. Course Pathophysiological basis of rational treatment of patients with epilepsy, Clinical Centre of Serbia, Belgrade, Serbia

#### **Academic awards and distinctions:**

- 2014. Scholarship for participating in *PAGE (Population Approach Group in Europe)* meeting, Alicante, Spain
- 2013. Scholarship for participating in *PAGE (Population Approach Group in Europe)* meeting, Glasgow, Glasgow Royal Concert Hall, UK
- 2012. Annual award (II place) for PhD student work, Faculty of Pharmacy, University of Belgrade, Serbia
- 2012. Scholarship for mobility grant to the Faculty of Pharmacy, University of Ljubljana, Slovenia, CMEPIUS (Centre of the Republic of Slovenia for Mobility and European Programmes for Education and Training) and Ministry of Higher Education, Science and Technology, Republic of Slovenia
- Scholarship of the Republican Foundation for Scientific and Artistic Youth
- 2006. Award by established European Bank for results achieved during undergraduate studies, Belgrade, Serbia

## **Teaching activities:**

### *Integrated academic studies (undergraduate):*

- Preparation and implementation of classes in the subjects Pharmacokinetics, Selected Chapters in Clinical Pharmacokinetics and Clinical Pharmacy
- Student final papers

### *Specialist studies:*

- Preparation and implementation of classes in the subject Dosing individualization

### Additional activities:

- Student research papers
- Moderator of 5 Pharmacotherapeutic Approaches
- Lecturer on the 12th Pharmacotherapeutic Approach, 29.02.2020.
- Lecturer at the 9th Patient Counseling, 5.11.2017.
- Member of the commission at the 60th Congress of Students of Biomedical Sciences of Serbia, Kopaonik 21-24.4.2019.

## **Activities within the Faculty:**

- Member of the Ethics Committee for Biomedical Research (27.12.2018)
- Member of the Commission for Monitoring and Improvement of Postgraduate Studies (11.4.2019)
- Member of the Commission for conducting the enrollment of the 2020/2021 school year.
- Member of the Commission for the preparation and implementation of the knowledge retention test (15.07.2021).

## **Activities within wider Academic Community:**

- 2020. (28.10-30.10) Participated in organization of virtual training school (PBPK and PopPK analysis-Tools for understanding absorption variability), and was involved as a lecturer (Introduction to PopPK analysis with nonlinear mixed effects modeling approach) and workshop moderator (Workshop: PopPK modeling - ranitidine example); University of Belgrade - Faculty of Pharmacy, Belgrade, Serbia
- Reviewer in several international and national journal
- Member of the Pharmaceutical Associations of Serbia, Section for Pharmaceutical Care - engagement in the development of Guidelines for Pharmacists.
- Award of the Editorial Board of the European Journal of General Practice for the most appreciated published work in 2018 (one of the authors of the awarded work).
- Lecturer or moderator of 17 accredited medical education courses accredited

- Professional publications, lectures at non-accredited professional conferences
- Invited lecturer at the Congress of Pharmacists of Serbia

### **Projects:**

- 2017- International project COST actions CA16205" European Network on Understanding Gastrointestinal Absorption-related Processes - UNGAP
- 2020 - engaged in research of the Ministry of Education, Science and Technological Development of the Republic of Serbia
- 2011-2020. Experimental and Clinical Pharmacological Investigations of Mechanisms of Drug Action and Interactions in Nervous and Cardiovascular System (No. 175023), Ministry of Education, Science and Technological Development, Belgrade, Republic of Serbia
- 2011-2020. Modulation of signalling pathways that control intracellular energy balance in the treatment of tumors and neuro-immune-endocrine disorders (No. 41025), Ministry of Education, Science and Technological Development, Belgrade, Republic of Serbia
- 2014-2015. Biletaral project with Slovenia (451-03-3095/2014-09/12), Ministry of Education, Science and Technological Development, Belgrade, Republic of Serbia and Slovenian Research Agency (ARRS)
- 2013-2014. European Directorate for the Quality of Medicines and Healthcare (EDQM) project
- 2012. Project "Eighth Star of Serbian Pharmacists", University of Belgrade - Faculty of Pharmacy, Pharmaceutical Chamber of Serbia
- 2010-2013. PQPharm - Postgraduate Qualification in Pharmacy - The Way Forward, TEMPUS Programme

### **Publications:**

1. Jovanović M, Vučićević K, Miljković B. Understanding variability in the pharmacokinetics of atypical antipsychotics - focus on clozapine, olanzapine and aripiprazole population models. *Drug Metab Rev.* 2020; 52(1):1-18.
2. Kos MK, Miksić M, Jovanović M, Roškar R, Grosek Š, Grabnar I. Maturation of midazolam clearance in critically ill children with severe bronchiolitis: A population pharmacokinetic analysis. *Eur J Pharm Sci.* 2020; 141:105095. doi: 10.1016/j.ejps.2019.105095. Epub 2019 Oct 15.
3. Kovacevic T, Miljkovic B, Kovacevic P, Dragic S, Momcicevic D, Avram S, Jovanovic M, Vucicevic K. Population pharmacokinetic model of vancomycin based on therapeutic drug monitoring data in critically ill septic patients. *J Crit Care.* 2020; 55:116-121.
4. Kovačević SV, Miljković B, Vučićević K, Čulafić M, Kovačević M, Golubović B, Jovanović M, de Gier JJ. Elderly polypharmacy patients' needs and concerns regarding medication assessed using the structured patient-pharmacist consultation model. *Patient Educ Couns.* 2017; 100(9):1714-1719.

5. Kovačević M, Čulafić M, Jovanović M, Vučićević K, Kovačević SV, Miljković B. Impact of community pharmacists' interventions on asthma self-management care. *Res Social Adm Pharm.* 2018;14(6):603-611.
6. Vučićević KM, Miljković BR, Golubović BC, Jovanović MN, Vezmar Kovačević SD, Čulafić MD, Kovačević MM, de Gier JJ. Expectations, concerns, and needs of patients who start drugs for chronic conditions. A prospective observational study among community pharmacies in Serbia. *Eur J Gen Pract.* 2018;24(1):19-25.
7. Kovačević SV, Miljković B, Čulafić M, Kovačević M, Golubović B, Jovanović M, Vučićević K, de Gier JJ. Evaluation of drug-related problems in older polypharmacy primary care patients. *J Eval Clin Pract.* 2017; 23(4):860-865.
8. Vučićević K, Jovanović M, Golubović B, Kovačević SV, Miljković B, Martinović Z, Prostran M. Nonlinear mixed effects modelling approach in investigating phenobarbital pharmacokinetic interactions in epileptic patients. *Eur J Clin Pharmacol.* 2015; 71(2):183-190.
9. Jovanović M, Sokić D, Grabnar I, Vovk T, Prostran M, Erić S, Kuzmanovski I, Vučićević K, Miljković B. Application of counter-propagation artificial neural networks in prediction of topiramate concentration in patients with epilepsy. *J Pharm Pharm Sci.* 2015; 18(5):856-862.
10. Jovanović M, Sokić D, Grabnar I, Vovk T, Prostran M, Vučićević K, Miljković B. Population pharmacokinetics of topiramate in adult patients with epilepsy using nonlinear mixed effects modelling. *Eur J Pharm Sci.* 2013; 50(3-4):282-289.