

ANA HOMŠEK

Employment Information:

- 2020-
Assistant, Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy, University of Belgrade
- 2019-2020 Teaching Associate, Department of Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy, University of Belgrade
- 2018-2019 Research Trainee
- 2017-2018 Intern Pharmacist, Pharmacy Belgrade and Hospital Pharmacy Clinical hospital center "Zvezdara"

Education:

- 2017-
PhD studies, study program Pharmacokinetics and Clinical Pharmacy, Faculty of Pharmacy, University of Belgrade
- 2020. Specialist in Pharmacy
Postgraduate Academic Specialization in Pharmaceutical Care, Faculty of Pharmacy, University of Belgrade
- 2018. Professional exam for Master of Pharmacy, Ministry of Health of the Republic of Serbia
- 2017. MSc in Pharmacy, Faculty of Pharmacy, University of Belgrade
- 2012. VI Belgrade High School

Training:

- 2017. Student Exchange Program (SEP) in Spain, Miguel Hernandez University, Elche
- 2019-2020 Education aimed at the development of academic skills and competencies of teaching and research staff of the University of Belgrade within the project TRAIN (Training and Research for Academic Newcomers)
- 2020. Continuing education of pharmacists, Second School of Clinical Pharmacy

Academic awards and distinctions:

- 2013-2017 Student scholarships of the Ministry of Education, Science and Technological Development for students of integrated academic studies

Teaching activities:

- Integrated academic studies
 - Subjects: Pharmacokinetics, Clinical Pharmacy, Selected Chapters in Clinical Pharmacokinetics
 - Final paper and student scientific research paper

Activities within wider Academic Community:

- 2021. Moderator of the Continuing education of pharmacists, Third School of Clinical Pharmacy

Projects:

- 2018-
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

Publications:

- **Homšek A**, Marković B, Bogavac-Stanojević N, Vladimirov S, Karljiković-Rajić K. Method Transfer Evaluation for Digital Derivative Spectrophotometry Through its Resolution Parameter Comparison of Different Computer Programs. *Applied spectroscopy*. 2020 May;74(5):525-35.
- Roganović M, **Homšek A**, Jovanović M, Topić-Vučenović V, Čulafić M, Miljković B, Vučićević K. Concept and utility of population pharmacokinetic and pharmacokinetic/pharmacodynamic models in drug development and clinical practice. *Arhiv za farmaciju*. 2021;71(4):336-53.