

NAME AND FAMILY NAME

Employment Information:

- Assistant professor since 2018
- Teaching assistant 2010-2018
- Graduate student instructor 2008-2010

Education:

- PhD 2017.
- Diploma of integrated academic studies 2008.
- Diploma of Gymnasium in 2002.

Training:

- *TRAIN (Training & Research for Academic Newcomers), October 2021.*
- *EUTA Training for writing research projects with focus on open concurs of Fund for Science, IDEAS, July 2020.*
- *GMP-Good Manufacturing Practice, april, 2016.*
- *SRPS ISO 9001:2008, Getting to know eith standard, February 2016.,*
- *The GC seminars, GC troubleshooting and Understanding the Revisions to USP-Monograph 467: Residual Solvents, June 2011.*
- *Ultrahigh preformance liquid chromatography, Unapređena tehnika tečne hromatografije ultra visokih performansi - UHPLC tehnika – significance and aplicability, October 2011.*
- *Transfer of analytical method HPLC_UHPLC_UPLC, June 2010.*
- *One week course: Principles of work with experimental animals, 2010.*

Academic awards and distinctions:

- *The best PhD student research in 2017*

Teaching activities:

- *Practical classes of the subjects Pharmaceutical Chemistry I, II and III and theoretical lectures of the subject Pharmaceutical Chemistry (study program: medical biochemistry). Teacher on the course within PhD studies: Chemical and biological interactions of biomolecules in the development of new drugs. And Biophysical significance of G-protein coupled receptors: structure, function and pharmacological significance.*

- *A member of 45 master thesis defense committees*

Textbooks:

- *Handbook of practical Pharmaceutical Chemistry II*

Activities within the Faculty:

- *Work group for innovation and rationalization of practical classes at Faculty of Pharmacy, 2021*
- *Committee for discipline responsibility of students, 2021*
- *Analyst in Laboratory for testing and quality control of medicines*
- *Member of project team for implementation and application of quality management system according to the standard SRPS ISO 17025:2006*
- *Member of the project team for preparation of Laboratory for testing and quality control of medicines according to GMP*
- *Member of enrollment committee into 1. year of integrated academic studies, school year 2016/17.*
- *Member of committee for inventory of assets and liabilities, 2016*
- *Member of team for introduction and application of quality management system according to the standard SRPS ISO 9001:2008, 2014*
- *Member of committee for quality assurance, 2013.*
- *Committee for accreditation of study program pharmacy in English language, 2012*

Activities within wider Academic Community:

- *Reviewer in the international and national journals: Medicinal Chemistry, British Journal of Pharmaceutical Research, Chemical Biology and Drug Design, Hemijska Industrija, American Chemical Science Journal, British Journal of Pharmaceutical Research, Acta Chromatographica*
- *Member of The Pharmaceutical Association of Serbia*

Projects:

- *Program IDEAS: "Utilization of interplay between inflammation and cancer in the development of compounds with anticancer activity", (InfCanPlay), 2021*

- *Bilateral project between Serbia and Slovenia: "In vitro assessment of lipophilicity and gastrointestinal absorption and molecular modeling-integrative approach in the new dual inhibitors of gyrase and topoisomerase IV"(project number 451-03-01963/2017-09/35; 2018-2019).*
- *COST action 15135 "Multi-target paradigm for innovative ligand identification in the drug discovery process (MuTaLig), 2016-2020.*
- *"Development of micro- and nanosystems as carriers for drugs with anti-inflammatory effect and methods for their characterization, technological development project, number: 34031, 2011*
- *"Development of molecules with antiinflammatory and cardioprotective activity: structural modifications, modelling, physicochemical characterization and formulation investigations, number: 172041, 2011*
- *"Compounds for pharmaceutical use: modelling, synthesis, physico-chemical and biological characteristics, purity and examination of dosage units" fundamental research, number 142072, 2010.*

Publications:

- *A modified RP-HPLC method for the determination of the pKa values of synthesized beta-hydroxy-beta-arylalkanoic acids, Journal of Serbian Chemical Society, 2018, 83, 875-883.*
- *Savić J., Dobričić V., Nikolic K., Vladimirov S., Dilber S., Brborić J. In vitro prediction of gastrointestinal absorption of novel β -hydroxy- β -arylalkanoic acids using PAMPA technique. European Journal of Pharmaceutical Sciences, 2017, 100, 36-41.*
- *Dobričić V., Savić J., Nikolic K., Vladimirov S., Vujić Z., Brborić J. Application of biopartitioning micellar chromatography and QSRR modeling for prediction of gastrointestinal absorption and design of novel β -hydroxy- β -arylalkanoic acids. European Journal of Pharmaceutical Sciences, 2017, 100, 280-284.*
- *Savić J., Dilber S., Milenković M., Kotur-Stevuljević J., Vladimirov S., Brborić J. Docking studies, synthesis and biological evaluation of β -aryl- β -hydroxypropanoic acids for anti-inflammatory activity. Medicinal Chemistry, 2017, 13, 186-195.*
- *Savić J.S., Dilber S.P., Marković B.D., Milenković M.T., Vladimirov S.M., Juranić I.O. Docking studies and α -substitution effects on the anti-inflammatory activity of β -hydroxy- β -arylpropanoic acids. Molecules, 2011, 16, 6645-6655.*