Jelena Đoković

Employment Information:

- February 2022 – Present — teaching assistant at the Department of pharmaceutical technology and cosmetology, Faculty of pharmacy University of Belgrade
- January 2017 – January 2022 — research assistant at the Department of pharmaceutical technology and cosmetology, Faculty of pharmacy, University of Belgrade
- October 2016 – December 2016 — teaching assistant at the Department of pharmaceutical technology and cosmetology, Faculty of pharmacy, University of Belgrade
- January – June 2016 — internship at the community pharmacy

Education:

- 2015 – Master of Pharmacy at the Faculty of pharmacy, University of Belgrade
- 2010 – graduated from the Gymnasium in Ivanjica
- 2006 – graduated from the elementary school in Ivanjica

Training:

- December 4th – 18th, 2021 — research stay at the National Hellenic Research Foundation in Athens
- August 6th – September 3rd, 2021 — research stay at the Eberhard-Karls University in Tubingen, Germany
- November 25th – 29th, 2019 — education course at the Joint research center of the European Commission in Ispra, Italy
- December 2018 – February 2019 — CEEPUS Mobility project (CIII-RS-1113-02-1819-M-123493) – research stay at the Faculty of Pharmacy, Medical University of Gdansk, Poland

Academic awards and distinctions:

- 2nd place at the annual contest for best research project by PhD students
- During her undergraduate studies - scholarships from the Republic of Serbia's Ministry of Education and Sports and Foundation for young talents.

Teaching activities:

- Teaching assistant involved in the realization of practical courses in Pharmaceutical technology 1 and Pharmaceutical technology 2 at the Department of pharmaceutical technology and cosmetology
- 3 Master of Pharmacy thesis defenses (member of the committee)

Projects:

- 2022 – Present — IDEA project: *Neuroimmune aspects of mood, anxiety and cognitive effects of leads/drug*

candidates acting at GABAA and/or sigma-2 receptors: In vitro/in vivo delineation by nano- and hiPSC-based platform (NanoCellEmoCog).

- 2019 – present — H2020 IMI2-2017-13-10 *Improving the preclinical prediction of adverse effects of pharmaceuticals on the nervous system NeuroDeRisk*, Grant agreement ID: 821528
- 2017 – 2019 — National project TR34031 *Development of micro- and nanoesystems as carriers for drugs with anti-inflamatory effect and methods for their characterization*

Publications:

Đoković J. B., Savić S. M., Mitrović J. R., Nikolic I., Marković B. D., Randjelović D. V., Antic-Stankovic J., Božić D., Cekić N. D., Stevanović V., Batinić B., Aranđelović J., Savić M., M., Savić, S. D. (2021). Curcumin loaded pegylated nanoemulsions designed for maintained antioxidant effects and improved bioavailability: A pilot study on rats. *International journal of molecular sciences*, 22(15), 7991.

Mitrović J. R., Divović-Matović B., Knutson D. E., **Đoković J. B.**, Kremenović A., Dobričić V. D., Dobričić V. D., Randjelović D. V., Pantelić I., Cook J. M., Savić M. M., Savić, S. D. (2021). Overcoming the low oral bioavailability of deuterated pyrazoloquinolinone ligand dk-i-60-3 by nanonization: A knowledge-based approach. *Pharmaceutics*, 13(8), 1188.

Mitrović J. R., Divović B., Knutson D. E., **Đoković J. B.**, Vulić P. J., Randjelović D. V., Dobričić V. D., Čalija B. R., Cook J. M., Savić M. M., Savić S. D. (2020). Nanocrystal dispersion of DK-I-56–1, a poorly soluble pyrazoloquinolinone positive modulator of α6 GABAA receptors: Formulation approach toward improved in vivo performance. *European Journal of Pharmaceutical Sciences*, 152, 105432.

Gledovic A., Janosevic Lezaic A., Krstonosic V., **Djokovic J.**, Nikolic I., Bajuk-Bogdanovic D., Antić Stanković J., Randjelovic D. Savic S. M., Tamburic S., Savic S. D. (2020). Low-energy nanoemulsions as carriers for red raspberry seed oil: Formulation approach based on Raman spectroscopy and textural analysis, physicochemical properties, stability and in vitro antioxidant/biological activity. *Plos one*, 15(4), e0230993