

Uroš Pecikoza, PhD

Employment Information:

- 2021. **Teaching Assistant with PhD**, Department of Pharmacology, Faculty of Pharmacy – University of Belgrade
- 2016. **Teaching Assistant**, Department of Pharmacology, Faculty of Pharmacy – University of Belgrade
- 2013. **Teaching Associate**, Department of Pharmacology, Faculty of Pharmacy – University of Belgrade
- 2012. **Intern**, Medicine and Medical Devices Agency of Serbia (Pharmaceutical sector)

Education:

- 2021. **Doctor of Medical Sciences – pharmacy**
Defended doctoral dissertation: *Investigation of the effects, mechanisms of action and interaction of eslicarbazepine acetate and metformin in experimental models of pain*, Department of Pharmacology, Faculty of Pharmacy, University of Belgrade, mentor: Prof. Dr. Maja Tomić.
- 2019. **Pharmacy Specialist**
Academic specialization *Pharmacotherapy in pharmaceutical practice*, University of Belgrade – Faculty of Pharmacy
- 2011. **Master of Pharmacy**, University of Belgrade – Faculty of Pharmacy
- 2006. **Finished grammar school in Belgrade**

Academic awards and distinctions:

- 2011. Scholarship of the *Dragoljub Marinković Foundation*
- 2007–2009. Scholarship of the University of Belgrade

Teaching activities:

Integrated academic studies

- Preparation and implementation of classes in the following subjects: Pharmacology 1, Pharmacology 2, Pharmacotherapy, Pharmacotherapy in Pediatrics
- Final papers – member of the commission for preparation and defense of final papers
- Student research papers – co-mentor on several student research papers

Specialist academic studies – Pharmacotherapy in Pharmaceutical Practice

- Preparation and implementation of classes in the following subjects: Pharmacotherapy 1, Pharmacotherapy 2, Pharmacotherapy 3

Nastavna literatura:

- Co-author of the basic textbook *Pharmacotherapy for pharmacists* (Faculty of Pharmacy, University of Belgrade, 1st edition: 2011, 2014; 2nd edition: 2016, 2017, 2018, 2021)
- Co-author of a professional publication of national importance *Pharmacotherapeutic Guide* (7th Edition: 2022, Medicines and Medical Devices Agency of Serbia)

Activities within the Faculty:

- 2020–today Secretary of the Pre-Competition Commission of the Faculty of Pharmacy in Belgrade Working Group for the Establishment of a Biomedical Laboratory

Activities within wider Academic Community:

- Member of the *Serbian Pharmacological Society*, *Society for Neuroscience of Serbia* and *International Association for the Study of Pain* (IASP)

Projects:

- 2022–2024 Researcher on the Science Fund of the Republic of Serbia project The IDEAS Program: Multimodal control of chronic pain and comorbidities with atypical analgesics - “two birds with one stone”, Acronym: **Fight_PainAndComorb**
- 2012–2019 Researcher on *Investigation of the mechanism of action, interactions and toxic effects of adjuvant analgesics*, basic research project, field of Medicine, number 175045

Publications:

1. Djekic L, Marković B, Micov A, Tomić M, **Pecikoza U**, Stepanović-Petrović R. Percutaneous delivery of levetiracetam as an alternative to topical nonsteroidal anti-inflammatory drugs: formulation development, in vitro and in vivo characterization. *Drug Deliv Transl Res.* 2021;11(1):227-41.
2. Tomić M, **Pecikoza U**, Micov A, Vučković S, Stepanović-Petrović R. Antiepileptic drugs as analgesics/adjuvants in inflammatory pain: current preclinical evidence. *Pharmacol Ther.* 2018;192:42-64.
3. Micov AM, Tomić MA, Todorović MB, Vuković MJ, **Pecikoza UB**, Jasnic NI, Djordjevic JD, Stepanović-Petrović RM. Vortioxetine reduces pain hypersensitivity and associated depression-like behavior in mice with oxaliplatin-induced neuropathy. *Prog Neuropsychopharmacol Biol Psychiatry.* 2020;103:109975.
4. **Pecikoza U**, Tomić M, Micov A, Vuković M, Stepanović-Petrović R. Eslicarbazepine acetate interacts in a beneficial manner with standard and alternative analgesics to reduce trigeminal nociception. *Psychopharmacology (Berl).* 2020;237(5):1435-46.

5. **Pecikoza U**, Micov A, Tomić M, Stepanović-Petrović R. Eslicarbazepine acetate reduces trigeminal nociception: Possible role of adrenergic, cholinergic and opioid receptors. *Life Sci.* 2018;214:167-75.
6. Dinić M, **Pecikoza U**, Djokić J, Stepanović-Petrović R, Milenković M, Stevanović M, Filipović N, Begović J, Golić N, Lukić J. Exopolysaccharide Produced by Probiotic Strain *Lactobacillus paraplantarum* BGCG11 Reduces Inflammatory Hyperalgesia in Rats. *Front Pharmacol.* 2018;9:1.
7. **Pecikoza UB**, Tomić MA, Micov AM, Stepanović-Petrović RM. Metformin Synergizes With Conventional and Adjuvant Analgesic Drugs to Reduce Inflammatory Hyperalgesia in Rats. *Anesth Analg.* 2017;124(4):1317-29.
8. Micov A, Tomić M, **Pecikoza U**, Ugrešić N, Stepanović-Petrović R. Levetiracetam synergises with common analgesics in producing antinociception in a mouse model of painful diabetic neuropathy. *Pharmacol Res.* 2015;97:131-42.
9. Samardžić S, Tomić M, **Pecikoza U**, Stepanović-Petrović R, Maksimović Z. Antihyperalgesic activity of *Filipendula ulmaria* (L.) Maxim. and *Filipendula vulgaris* Moench in a rat model of inflammation. *J Ethnopharmacol.* 2016;193:652-56.
10. Tomić MA, **Pecikoza UB**, Micov AM, Stepanović-Petrović RM. The Efficacy of Eslicarbazepine Acetate in Models of Trigeminal, Neuropathic, and Visceral Pain: The Involvement of 5-HT_{1B/1D} Serotonergic and CB₁/CB₂ Cannabinoid Receptors. *Anesth Analg.* 2015;121(6):1632-9.