

Filip Milosavljević




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 **ORCID:** [0000-0001-6532-4661](https://orcid.org/0000-0001-6532-4661)

Formal education:

-MSc in Pharmacy (2017)

-PhD in neuroscience (Ongoing)

Language:

- Serbian - Native
- English - Proficient

Research Assistant

Short Synopsis of Professional Activates:

2018 – Present: Research assistant at Faculty of Pharmacy - University of Belgrade, Serbia

2018 – 2020: Teaching activities at Faculty of Pharmacy – University of Belgrade. *Physiology* course - *Bachelor of Pharmacy* studies.

Co-advisor of 7 final papers - *Master of Pharmacy* studies.

2012 – 2017: Master studies at Faculty of Pharmacy, University of Belgrade (5 year Bachelor + MSc program). Average grade: 9.35/10.00

Awards and grants

2021: *Veselin Lučić* annual award for top 3 scientific papers at the University of Belgrade

2019: Invitation for the oral presentation at the “New findings” symposium at the 32nd ECNP Congress, Copenhagen, Denmark

2019: Poster award at ECNP workshop, Nice, France (7 awardees out of 100 young European scientists)

2012 – 2017: Annual *University of Belgrade Scholarship* for average grade over 90%

Relevant Research Skills

Literature survey and Statistics

Design of database search strategies; Data extraction and transformation, Risk-of-bias assessment for clinical trials; Meta-analysis; Statistical analysis.

Biological sample processing:

Sample preparation for HPLC-MS measurements; DNA isolation; PCR method for DNA amplification; Tissue preparation for histological analysis; Immunohistochemistry; Micrography processing.

Laboratory animal related skills:

Behaviour tests for anxiety and locomotion; Pharmacological treatment of laboratory animals; Trans-cardial perfusion; Dissection and sample collection from various tissues.

Selected publications

Milosavljević, F et al. (2021) Association of CYP2C19 and CYP2D6 Poor and Intermediate Metabolizer Status With Antidepressant and Antipsychotic Exposure: A Systematic Review and Meta-analysis. *JAMA Psychiatry*, 78(3), 270-280. <https://doi.org/10.1001/jamapsychiatry.2020.3643>

Joković, D., Milosavljević et al. (2022) CYP2C19 slow metabolizer phenotype is associated with lower antidepressant efficacy and tolerability. *Psychiatry Research*, 312, 114535. <https://doi.org/10.1016/j.psychres.2022.114535>

Milosavljević, F., et al. (2022) Humanized CYP2C19 transgenic mouse as an animal model of cerebellar ataxia. *bioRxiv*,. <https://doi.org/10.1101/2022.01.10.475612> (Preprint, under review)