

## MILOS JOVANOVIC

### Employment Information:

2019-present Teaching Assistant at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

2016-2019 Associate at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

### Education:

2015-2019 PhD in Medicinal Chemistry, Faculty of Pharmacy, University of Belgrade  
Thesis title: "Synthesis of longamide B and rhamnolipid analogues and their physico-chemical and biological characterization"

2010-2015 Master of Science, Faculty of Pharmacy, University of Belgrade,

### Teaching activities:

As a teaching assistant he has participated in the implementation of practical classes of the following subjects Organic chemistry 1, Organic chemistry – MB, Organic chemistry 1 (for foreign students), Organic chemistry – practicum, Organic chemistry 2, Organic chemistry 2 (for foreign students) He was also a member of the commission for the defense of final theses two times

### Projects:

Participant in the national project of the Ministry of Education, Science and Technological Development entitled "Computer-aided design, synthesis and biological evaluation of new heterocyclic compounds as inhibitors of tumorigenesis" (2016-2019)

### Publications:

1) **Jovanovic, M.**, Petkovic, M., and Savic, V. (2021). Polycyclic Compounds from Allenes via Palladium-Mediated Intramolecular Carbopalladation/Nucleophilic Substitution Cascade Processes. *Synthesis*, 53(06), 1035-1045. **IF<sub>2021</sub>=2.85**

2) Gawlik, M., Savic, V., **Jovanovic, M.** and Skibiński, R., (2020). Mimicking of phase I metabolism reactions of molindone by HLM and photocatalytic methods with the use of UHPLC-MS/MS. *Molecules*, 25(6), p.1367. **IF<sub>2020</sub>=4.441**

- 3) **Jovanovic, M.**, Petkovic, M., Jovanovic, P., Simic, M., Tasic, G., Eric, S. and Savic, V. (2019). Proline derived bicyclic derivatives via metal catalysed cyclisations of allenes. Synthesis of longamide B, stylisine D and their derivatives. *European Journal of Organic Chemistry*. doi:[10.1002/ejoc.201901554](https://doi.org/10.1002/ejoc.201901554) **IF<sub>2018</sub>=3.029**
- 4) Jovanovic, P., Petkovic, M., Simic, M., **Jovanovic, M.**, Tasic, G., Crnogorac, M. D., Zizak, Z. and Savic, V. (2019). Stereocontrolled Synthesis of Highly Substituted trans  $\alpha$ ,  $\beta$ -Unsaturated Ketones with Potent Anticancer Properties from Glycals. *European Journal of Organic Chemistry*, 2019(29), 4701-4709. **IF<sub>2018</sub>=3.029**
- 5) **Jovanovic, M.**, Radivojevic, J., O'Connor, K., Blagojevic, S., Begovic, B., Lukic, V., Nikodinovic-Runic, J. and Savic, V. (2019). Rhamnolipid inspired lipopeptides effective in preventing adhesion and biofilm formation of *Candida albicans*. *Bioorganic chemistry*, 87, 209-217. **IF<sub>2018</sub>=3.926**
- 6) Aleksic, I., Petkovic, M., **Jovanovic, M.**, Milivojevic, D., Vasiljevic, B., Nikodinovic-Runic, J. and Senerovic, L. (2017). Anti-biofilm properties of bacterial di-rhamnolipids and their semi-synthetic amide derivatives. *Frontiers in Microbiology*, 8, p.2454. **IF<sub>2018</sub>=4.259**