

NAME AND FAMILY NAME

Employment Information:

- 2017 - Assistant Professor at the Department of Organic Chemistry, Faculty of Pharmacy University of Belgrade
- 2011 - 2017 Assistant at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade
- 1999 - 2011 Graduate assistant at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade
- 1998 - 1999 Teaching assistant at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

Education:

- 2016 PhD in Organic Chemistry, Faculty of Chemistry - University of Belgrade, "Cyclisation reaction of allyl alcohols catalyzed by palladium complexes" Mentors: Prof. Dr. Vladimir Savic, Prof. Dr. Veselin Maslak.
- 2009 Master of science studies, Faculty of Chemistry, University of Belgrade, "Stereoselective synthesis of α -hydroxy- β -amino acids" Mentor: Prof. Dr. Radomir N. Saicic
- Academic studies, Faculty of Chemistry - University of Belgrade

Training:

- 2017 Seminar: Green chemistry, organizer: Serbian Chemical Society, Serbian Chamber of Commerce

Teaching activities:

As an teaching associate and assistant since 2007, he participated in the implementation of practical and consultative classes in the mandatory subjects Organic Chemistry 1 (MF), Organic Chemistry 2 (MF), Bioorganic Chemistry (MF-MB) and Organic Chemistry (MF-MB). Since the election to the title of assistant professor, lecturer in the subject Organic Chemistry (MF-MB).

She is a mentor and a member of the commission for the defense of graduation theses.

Textbooks:

Practicum in Organic Chemistry, Vladimir Savić, Milena Simić, Miloš Petković, Gordana Tasić, Predrag Jovanović, Zorana Tokić-Vujošević, Sanda Dilber; fourth edition, Belgrade 2017. ISBN 978-86-6273-042-8 Publisher: University of Belgrade, Faculty of Pharmacy.

Activities within wider Academic Community:

- Member of the Serbian Chemical Society
- Reviewer in the Journal of the Serbian Chemical Society 2019/20
- Participates in the organization and realization of classes for the Chemistry Entrance Exam

Projects:

- 2010-2011 Participant in a bilateral project of University of Belgrade, Faculty of Pharmacy and the Faculty of Chemistry in Ljubljana, Slovenia, entitled "Analysis of quantitative structure-activity relationship, computer design and synthesis of pyridine derivatives as potential anticancer drugs" under the direction of Prof. Dr. Slavica Eric.
- Participant in the national project of the Ministry of Education, Science and Technological Development entitled: "Design and synthesis of hsp90 protac degraders as potential anticancer agents (DeSyHPRO)"

Publications:

- Stereocontrolled Synthesis of Highly Substituted *trans* α,β -Unsaturated Ketones with Potent Anticancer Properties from Glycols
Predrag Jovanovic, Miloš Petkovic, Milena Simic, Miloš Jovanovic, **Gordana Tasic**, Maria Djordjic Crnogorac, Zeljko Zizak, and Vladimir Savic
European Journal of Organic Chemistry, **2019**, 29, 4701
- Preparation of pyrrolizinone derivatives *via* sequential transformations of cyclic allyl imides: synthesis of quinolactacide and marinamide
Milena Simic, **Gordana Tasic**, Predrag Jovanovic, Milos Petkovic and Vladimir Savic
Organic and Biomolecular Chemistry, **2018**, 16, 2125

- Fragment type 4- azolylcoumarin derivatives with anticancer properties
Milena Simic, Milos Petkovic, Predrag Jovanovic, Milos Jovanovic, **Gordana Tasic**, Irina Besu, Zeljko Zizak, Ivana Aleksic, Jasmina Nikodinovic-Runic, Vladimir Savic
Archiv Der Pharmacie **2021**, 354 (11), 1-10
- Toward the synthesis of incargranine B and seneciobipyrrolidine. Synthesis of octahydro-dipyrroloquinoline skeleton via dipolar cycloaddition/amination sequence
Milena Simic, Predrag Jovanovic, Milos Petkovic, **Gordana Tasic**, Milos Jovanovic, Vladimir Savic
Journal of Heterocyclic Chemistry **2021**, 58, 1665-1674
- Proline Derived Bicyclic Derivatives through Metal Catalysed Cyclisations of Allenes: Synthesis of Longamide B, Stylysine D and their Derivatives
Jovanovic M, Petkovic M, Jovanovic P, Simic M, **Tasic G**, Eric S, Savic V
European Journal of Organic Chemistry, **2019**, 3, 295-305
- Synthesis of 2-unsubstituted imidazolones from bisamides via a one-pot, domino dehydration/base promoted cyclisation process
Djukanovic D, Petkovic M, Simic M, Jovanovic P, **Tasic G**, Savic V.
Tetrahedron Letters, **2018**, 59(10), 914-917
- Synthesis of substituted allyl acetates from heterocyclic dienes by a Pd-promoted arylation-acetoxylation cascade
Simic M, Petkovic M, Jovanovic P, **Tasic G**, Savic V.
Journal of the Serbian Chemical Society, **2017**, 82(12), 1335-1341
- Study of the intramolecular Heck reaction: synthesis of bicyclic core of corialstonidine
Gordana Tasic, Veselin Maslak, Suren Husinec, Nina Todorovic, Vladimir Savic
Tetrahedron Lett., **2015**, 56 (19), 2529-2532
- Organocatalysis in Synthesis of Pyrrolidine Derivatives via Cycloaddition Reactions of Azomethine Ylides
Jelena Randjelovic, Milena Simic, **Gordana Tasic**, Suren Husinec and Vladimir Savic
Current Organic Chemistry, 2014, **18**, 1073-1096
- Indirect N-vinylation of indoles via isomerisation of N-allyl derivatives. Synthesis of (±)-debromoarborescidine B
Gordana Tasic, Milena Simic, Stanimir Popovic, Suren Husinec, Veselin Maslak, Vladimir Savic
Tetrahedron Lett., 2013, **54** (34), 4536-4539