

MILOS PETKOVIC

Employment Information:

2021-present Associate Professor at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

2016-2021 Assistant Professor at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

2009-2016 Assistant at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

2007-2009 Associate at the Department of Organic Chemistry, Faculty of Pharmacy - University of Belgrade

Education:

2008-2015 PhD in Organic Chemistry, Faculty of Chemistry - University of Belgrade, "Reactions of allenes and nucleophiles catalyzed by palladium complexes" Mentors: Prof. Dr. Vladimir Savić, Prof. Dr. Marija Baranac-Stojanović.

2007-2008 Master in Organic Chemistry, Faculty of Chemistry - University of Belgrade, topic "Palladium-catalyzed reactions in the synthesis of aminoquinoline derivatives" Mentors: Prof. Dr. Vladimir Savić, Prof. Dr. Vladimir Pavlovic.

1999-2005 Academic studies, Faculty of Chemistry - University of Belgrade, Mentors: Prof. Dr. Vele Tešević, Prof. Dr. Slobodan Milosavljevic.

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 1 (MF) for studies in Serbian and English.

Member of two commissions for the defense of doctoral theses, several times mentor and member of the commission for the defense of final 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.

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" (2011-2019)

Publications:

1. A base promoted cyclization of *N*-propargylaminopyridines. Synthesis of imidazo[1,2-*a*]pyridine derivatives

Husinec S, Markovic R, Nasufovic V, Petkovic M, Savic V.
ORGANIC LETTERS (2011), vol. 13(9), p. 2286-2289
M21, Chemistry, Organic (6/56) IF₂₀₁₁ = 5.862

2. Anti-biofilm Properties of Bacterial Di-Rhamnolipids and Their Semi-Synthetic Amide Derivatives

Aleksic I, Petkovic M, Milivojevic D, Vasiljevic B, Nikodinovic-Runic J, Senerovic L,
FRONTIERS IN MICROBIOLOGY, (2017), vol. 8, e. 2454
M21, Microbiology (31/125), IF₂₀₁₇=4,019

3. 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), vol. 59(10), p. 914-917
M22, Chemistry, Organic (28/57), IF₂₀₁₈=2,259

4. Cyclative Cascades of Allenamides Derived from Amino Acids: Synthesis of Annulated Indoxyl Derivatives

Petkovic M, Nasufovic V, Djukanovic D, Tokic-Vujosevic Z, Jadranin M, Matovic R, Savic V.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, (2016), vol. 7, p. 1279-1282
M22, Chemistry, Organic (19/59), IF₂₀₁₆=2,834

5. Synthesis of Allyl Acetates via Palladium-Catalysed Functionalisation of Allenes and 1,3-Dienes

Husinec S, Petkovic M, Savic V, Simic M
SYNTHESIS-STUTTGART (2012), vol. 44(3), p. 399-408
M22, Chemistry, Organic (22/57) IF₂₀₁₂=2.500

6. Palladium-catalysed synthesis of allyl acetates from allenes

Husinec S, Jadranin M, Markovic R, Petkovic M, Savic V, Todorovic N.
TETRAHEDRON LETTERS (2010), vol. 51(31), p. 4066-4068
M22, Chemistry, Organic (20/56) IF₂₀₁₀=2.618

7. Characterization of Biomolecules with Antibiotic Activity from Endophytic
Fungi Phomopsis Species

Ignjatovic J, Maljuric N, Golubovic J, Ravnikar M, Petkovic M, Savodnik N, Strukelj
B, Otasevic B.
ACTA CHIMICA SLOVENICA, (2020), vol. 67 br. 2, str. 445-461
M23, Chemistry, Multidisciplinary (132/177), IF₂₀₁₉=1.263

8. Synthesis of 4-aryl-2-aminopyridine derivatives and related compounds

Pavlovic V, Petkovic M, Popovic S, Savic V.
SYNTHETIC COMMUNICATIONS, (2009), vol. 39(23), p. 4249-4263
M23, Chemistry, Organic (41/57) IF₂₀₀₉=0.961