

5th Mini Symposium

Medicinal and Pharmaceutical Chemistry Section

TUESDAY, NOVEMBER 30TH, 2021, 10 A.M.

[on-line via ZOOM](#)

Chairs: Maja Beus, PhD & Đani Škalamera, PhD

Morning Session	
10:00	<i>Opening Ceremony</i> Vesna Gabelica Marković, PhD, Head of Medicinal and Pharmaceutical Chemistry Section, HKD Adrijana Vinter, PhD, Managing Director and President of the Management Board, Fidelta
10:10	Manuela Panić , Novel, Environmentally-friendly and Tunable Solvents for Application in the Pharmaceutical Industry, <i>Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb</i>
10:30	Tomislav Stolar , Discovery and Control of Vitamin C and B3 Cocrystal Polymorphism on Different Scales by Mechanochemistry, <i>Ruđer Bošković Institute, Zagreb</i>
10:50	Silvio Jakopec , Heterobimetallic Transition Metal Complexes of 1,2,3-Triazole Ligands, <i>Faculty of Chemical Engineering and Technology, University of Zagreb, Zagreb</i>
11:10	Silvija Šafranko , The Preparation and Modification of the Biomass-derived Carbon Quantum Dots – Investigating their Potential in Biomedical and Pharmacological Application, <i>Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek, Osijek</i>
11:30	Nikola Topolovčan , Catalytic Approaches to Diverse Biologically Active Compounds, <i>Ruđer Bosković Institute, Zagreb</i>
11:50	Gabrijel Zubčić , C-H Amination Reactions via Radical Pathway; Repurposing Hofmann-Löffler-Freytag Reaction, <i>Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb</i>
12:10	<i>End of Morning Session</i>
Afternoon Session	
14:00	Hrvoje Rimac , The Complementarity Principle in Docking Procedures: Evaluation of the Correctness of Binding Poses, <i>Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb</i>
14:20	Tana Tandarić , Irreversible Inhibition of the Monoamine Oxidase B enzyme. A Computational Insight, <i>Ruđer Bošković Institute, Zagreb</i>
14:40	Alojzije Brkić , A New Insight into Mupirocin Resistance of Bacterial Isoleucyl-tRNA Synthetases, <i>Faculty of Science, University of Zagreb, Zagreb</i>

15:00	Doris Crnčević , Synthesis and Antibacterial Activities of New Amidoquinuclidines and Their Quaternary Salts, <i>Faculty of Science, University of Split, Split</i>
15:20	Martina Mušković , First <i>In Vivo</i> Positron Emission Tomography Biodistribution Study of [⁶⁸ Ga]Gallium Radiolabelled Amphiphilic Cationic Porphyrins with Potential Applications in Photodynamic Therapy, <i>Department of Biotechnology, University of Rijeka, Rijeka</i>
15 :40	Break
15:50	Kristina Pavić , Harmirins, Novel Harmine–Coumarin Hybrids as Potential Anticancer Agents, <i>Faculty of Pharmacy and Biochemistry, University of Zagreb. Zagreb</i>
16:10	Ana Ratković , Photochemical Synthesis and Functionalization of Benzobicyclo [3.2.1]octadienes as Potential Cholinesterase Inhibitors, <i>Fidelta Ltd., Zagreb</i>
16:30	Mateja Toma , Cytotoxic Activity of Ferrocene-substituted Purines Against Several Cancer Cell Lines, <i>Faculty of Pharmacy and Biochemistry, University of Zagreb. Zagreb</i>
16 :50	Iva Zonjić , Recognition of DNA:RNA Hybrid and Triplex Structures by a Series of Benzothiazole Ligands, <i>Ruđer Bošković Institute, Zagreb</i>
17:10	Closing remarks