

XIX. Interdisciplinary Meeting of Young Biologists, Biochemists and Chemists

List of posters

	LAST NAME AND FIRST NAME	NAME OF ABSTRACT	SECTION
1	Bezděková Jaroslava	Molecularly Imprinted Polymers Selective for Isolation of Nucleic Bases	Materials Science for Life
2	Brázdová Lada	Action Mechanism of Short Antimicrobial Peptides Against Staphylococcus Aureus and Synergistic Effect with Antibiotics	Bioscience & Molecular Biology
3	Brisudová Petra	The Effects of Perifosine on 3D Tumour Models of Colorectal Carcinoma	Bioscience & Molecular Biology
4	Frtús Adam	Study of Allosteric Modulation in Two-domain Proteins: Reversed Fusion of PDZ3 Domain (ZO-1) with SH3 Domain (ZO-1)	Bioscience & Molecular Biology
5	Golubev Victor	Synthesis of Novel P-chiral phosphine Ligands for Transition Metal Catalysis	Organic Chemistry & Catalysis
6	Chmela Václav	Prebiotic Synthesis of 2'-Deoxyadenosine	Organic Chemistry & Catalysis
7	Chochola Václav	Modification of Alginate-based Bioinks for 3D Printing and Stem Cell Cultivation	Materials Science for Life
8	Kočová Pavlína	BONCAT and Click-reaction-on-membrane as a Method for Identification of Differently Expressed Proteins During TBEV Infection of Human Neural Cells	Bioscience & Molecular Biology
9	Koncošová Martina	Lactate as a Signaling Molecule in the Tumor Microenvironment	Bioscience & Molecular Biology
10	Krchlíková Veronika	The Chicken Tva Receptor for Avian Sarcoma and Leukosis Virus Subgroup A (ASLV-A) also Serves as Receptor for Cellular Uptake of Cobalamin (vitamin B12)	Bioscience & Molecular Biology

11	Lengálová Alžběta	Study on Structure and Function Relationship of the HEME-containing Sensor Protein, BACH1	Bioscience & Molecular Biology
12	Leone Denise-Liu	Reactive Modifications for DNA-protein Cross-linking	Organic Chemistry & Catalysis
13	Maryška Michal	Design, Synthesis and Evaluation of Novel Inhibitors of Kynurenine Aminotransferase II	Organic Chemistry & Catalysis
14	Mašková Hana	Antiviral Effect of Resveratrol and its Derivatives on Tick-borne Encephalitis Virus	Bioscience & Molecular Biology
15	Mildner Daniel	Synthesis of Tetrabenzo[9]Helicene and its Functional Derivatives	Organic Chemistry & Catalysis
16	Paclíková Petra	CRISPR/Cas9 Edited Cell Lines in Dissecting Roles of Individual Dishevelled Isoforms	Bioscience & Molecular Biology
17	Palušová Veronika	Dual Targeting of Proliferative Pathways in BRAF-mutant Melanoma Cells by Pyridinyl Imidazoles Compounds	Bioscience & Molecular Biology
18	Poppová Lucie	Promoter Methylation of ROR1 Ligand WNT5A Associates with Its Expression in Chronic Lymphocytic Leukemia	Bioscience & Molecular Biology
19	Rumlová Barbora	Liquid Chromatography with Mass Spectrometric Detection Based on Microfluidic Chip	Advanced Analytics in Life Science
20	Strmeň Timotej	Localization of Double and Triple Bonds in Lipids Using Aldrithiol-2 Derivatization and Electrospray Ionization Mass Spectrometry	Advanced Analytics in Life Science
21	Strnad Štěpán	Free Floating Sections - a New Procedure of Sample Preparation for the Study of Neurodegenerative Disorders by Mass Spectrometry Imaging	Advanced Analytics in Life Science
22	Šimková Markéta	Novel LC-MS/MS Method for the Simultaneous Determination of Selected Corticosteroids in Human Plasma and its Development and Use for Adrenal Function Testing	Advanced Analytics in Life Science

23	Jurásek Bronislav	Chiral Separation of Deschloroketamine and Biological Evaluation of the Enantiomers	Organic Chemistry & Catalysis
24	Tetour David	Hybrid Organic-Inorganic Silica Materials and Nanofibers: Application in Enantioselective Catalysis	Organic Chemistry & Catalysis
25	Valčíková Barbora	Pushing the ERK Pathway Activity out of the Fitness Zone with Rocaglamides	Bioscience & Molecular Biology
26	Vosáhlo Petr	Synthesis and Structural Characterization of Palladium(II) Complexes with Hybrid Phosphanylferrocene Ligands Bearing O-donor Substituents	Organic Chemistry & Catalysis
27	Vrzáčková Nikola	Glutamine as a Sensitizing Factor for Chemotherapy of Solid Tumors	Bioscience & Molecular Biology
28	Vukic Dragana	Investigating the ADAR Interactome	Bioscience & Molecular Biology