

## XVII. Interdisciplinary Meeting of Young Biologists, Biochemists and Chemists

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	LAST NAME AND FIRST NAME	NAME OF ABSTRACT	SECTION
1	Babrnáková Johana	THE EFFECT OF BIOLOGICALLY ACTIVE SUBSTANCES ON THE STRUCTURE AND BIOCOMPATIBILITY OF COLLAGENOUS SCAFFOLDS FOR TISSUE ENGINEERING	biomaterials
2	Began Jakub	IDENTIFICATION OF SUBSTRATE REPERTOIRE OF RHOMBOID INTRAMEMBRANE PROTEASE GlpG FROM <i>ESCHERICHIA COLI</i>	biochemistry and molecular biology
3	Bildziukevich Uladzimir	CONJUGATES OF BETULINIC ACID WITH PICOLYL AMINES	chemistry
4	Dubanková Anna	STRUCTURAL AND FUNCTIONAL CHARACTERISATION OF AICHI VIRUS RNA DEPENDENT RNA POLYMERASE	biochemistry and molecular biology
5	Đudáková Ľubica	GENETIC CAUSES OF DEAF-BLINDNESS IN SIXTEEN CZECH FAMILIES	biochemistry and molecular biology
6	Fedorová Veronika	DIFFERENT MECHANISMS OF p16/INK4A REGULATION IN HUMAN EMBRYONIC AND NERUAL STEM CELLS	biochemistry and molecular biology
7	Kalasová Dominika	DETERMINATION OF POROSITY FROM TOMOGRAPHIC DATA OF HYDROXYAPATITE SCAFFOLD-LIKE STRUCTURES	biomaterials
8	Karluková Elena	DEVELOPMENT OF THE SCREENING ASSAY FOR IDENTIFICATION OF COMPOUNDS TARGETING INFLUENZA A	biochemistry and molecular biology
9	Kolesniková Sofia	SEQUENCE REQUIREMENTS AND GTP-DEPENDENT FORMATION OF MULTIMERIC G-QUADRUPLEXES	biochemistry and molecular biology
10	Kováčik Andrej	ROLE OF CERAMIDE STEREOCHEMISTRY IN MICROSTRUCTURE, PHASE BEHAVIOR AND PERMEABILITY OF MODEL SKIN BARRIER MEMBRANES	chemistry

11	Krátký Martin	TUFTSIN-BASED OLIGOPEPTIDE CARRIERS FOR ANTIMYCOBACTERIAL ACTIVE COMPOUNDS	chemistry
12	Lipovská Pavlína	RUTHENIUM COMPLEXES CONTAINING CHIRAL POLYFLUOROXYALKANOATES	chemistry
13	Maier Lukáš	DIELS-ALDER APPROACH TO SUBSTITUTED DECALINES	chemistry
14	Němec Václav	DISCOVERY OF NEW PROTEIN KINASE INHIBITORS WITH THE FURO [3,2-B]PYRIDINE CORE	chemistry
15	Pátíková Alžběta	CREATION OF THE ARTIFICIAL CAVITY FOR SUBSEQUENT TRANSPLANTATION OF PANCREATIC ISLETS USING PLCL SCAFFOLD	biomaterials
16	Peterková Miroslava	THE ROLE OF MICRORNA-145 IN DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS-DERIVED NEURAL STEM CELLS	biochemistry and molecular biology
17	Poryvai Anna	NOVEL 'ROOM-TEMPERATURE SMECTICS': SYNTHESIS AND OPTICAL PURITY–MESOMORPHIC BEHAVIOUR RELATIONSHIP	chemistry
18	Rabata Anas	3D CELL CULTURE OF MOUSE LUNG STEM/PROGENITOR CELLS	biochemistry and molecular biology
19	Rapoport Andrey	FUNCTION OF THE STRESS SIGMA FACTOR SIGB SUBUNIT OF RNA POLYMERASE IN CORYNEBACTERIUM GLUTAMICUM	biochemistry and molecular biology
20	Skoupilová Hana	NOVEL ORGANOMETALLIC COMPOUNDS AND THEIR EFFECT ON OVARIAN CANCER CELLS	biochemistry and molecular biology
21	Smola Miroslav	X-RAY STRUCTURE OF HUMAN STING WITH NOVEL CYCLIC DINUCLEOTIDES AS A TOOL FOR DISCOVERING NEW TREATMENTS OF CHRONIC HEPATITIS B	biochemistry and molecular biology

22	Strnad Štěpán	COMPARISON OF MALDI-MSI AND LC-MS FOR PHARMACOKINETIC STUDY OF METFORMIN	chemistry
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28	Tetour David	NOVEL CYCLOHEXANE-1,2-DIAMINE-BASED CATALYST FOR ASYMMETRIC HENRY REACTION	chemistry
29	Navrátilová Lucie	FLAVONOIDS AS INHIBITORS OF OATP-MEDIATED ROSUVASTATIN INTESTINAL TRANSPORT	biochemistry and molecular biology
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