

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

## List of posters

	LAST NAME AND FIRST NAME	NAME OF ABSTRACT	SECTION
1	Balounová Kateřina	EXISTENCE OF CIRCADIAN RHYTHMS IN EXPRESSION OF CELL CYCLE GENES AND THEIR CHANGES IN AGING AND COLORECTAL TUMOURIGENESIS	Bioscience & Molecular Biology
2	Držmíšek Jakub	DIFFERENT THERMAL ADAPTATION OF TWO CLOSELY RELATED BORDETELLA SPECIES	Bioscience & Molecular Biology
3	Elrefae Lina	p53 IS INVOLVED IN NEURAL DIFFERENTIATION OF PLURIPOTENT STEM CELL-DERIVED CEREBRAL ORGANIDS	Bioscience & Molecular Biology
4	Jiráková Ludmila	DEVELOPMENT OF ELECTROCHEMICAL IN VITRO ASSAY FOR MICRO RNA DETECTION	Materials Science for Life
5	Kaufman Filip	CHARACTERIZATION OF BCA3 PROTEIN	Bioscience & Molecular Biology
6	Kaufmanová Jiřina	ANALYSIS OF THE THROMBI MORPHOLOGY	Bioscience & Molecular Biology
7	Kozlová Veronika	EPIGENETIC DRUG SCREEN OF RITUXIMAB RESISTANT CELL LINE REVEALED POSSIBLE TREATMENT TARGETS	Bioscience & Molecular Biology
8	Krátký Martin	FROM AN OLD DRUG ISONIAZID TO ANTITUBERCULAR AGENTS WITH A NOVEL MECHANISM OF ACTION	Organic Chemistry & Catalysis
9	Kučnirová Kateřina	SYNTHESIS AND THEORETICAL STUDY OF FLUOROCYCLOBUTENES AND THEIR RING-OPENING METATHESIS	Organic Chemistry & Catalysis

10	Leguina-Ruzzi Alberto	iPLA2 $\gamma$ ABLATION ALTERS GLUCOSE HOMEOSTASIS AND INSULIN SECRETION IN RESPONSE TO FATTY ACIDS	Bioscience & Molecular Biology
11	Mašek Tomáš	CONTROLLED C-C BOND CLEAVAGE OF KETONE ENOLATES AIDED BY NITROSATION	Organic Chemistry & Catalysis
12	Moráň Lukáš	NOVEL ANTICANCER (1,10-PHENANTROLINE) <sub>2</sub> CU(II) COMPLEXES ARE INDUCING ER STRESS MEDIATED APOPTOSIS IN OVARIAN CANCER CELLS	Bioscience & Molecular Biology
13	Moravíková Jana	OCULAR ABNORMALITIES IN THREE FAMILIES WITH <i>PAX6</i> MUTATIONS	Bioscience & Molecular Biology
14	Mráčková Šárka	THE ANTIMICROBIAL ACTIVITY OF 1,4-NAPHTHOQUINONES AND THEIR MECHANISM OF ACTION	Bioscience & Molecular Biology
15	Müllerová Monika	CARBOSILANE GLUCOSE GLYCODENDRIMERS: SYNTHESIS AND TOXICOLOGICAL ANALYSES	Organic Chemistry & Catalysis
16	Nemeškalová Alžběta	SALTING-OUT ASSISTED LIQUID LIQUID EXTRACTION AS A SUITABLE APPROACH FOR DETERMINATION OF NEW SYNTHETIC DRUGS IN NEONATAL MECONIUM	Advanced Analytics in Life Science
17	Poncová Kristýna	DECIPHERING THE MYSTERY OF TERMINATING RIBOSOME	Bioscience & Molecular Biology
18	Poryvai Anna	LIQUID CRYSTALS AND MAGNETIC NANOPARTICLES WITH MODIFIED SURFACE	Organic Chemistry & Catalysis
19	Raabová Hedvika	TESTING OF NANOFIBROUS POLYMERS AS ALTERNATIVE TO RESTRICTED ACCESS MATERIALS FOR ON-LINE EXTRACTION OF BIOLOGICAL SAMPLES IN COLUMN SWITCHING CHROMATOGRAPHY SYSTEMS	Advanced Analytics in Life Science
20	Rayová Diana	EFFECT OF H247A MUTATION ON NAMPT ENZYME ACTIVITY AND CELLULAR METABOLISM	Bioscience & Molecular Biology

21	Říhová Kamila	DRUG EFFICACY IN 3D TUMOR MODELS	Bioscience & Molecular Biology
22	Slavková Martina	PROVIRAL SILENCING IN GENE BODIES	Bioscience & Molecular Biology
23	Strnad Štěpán	OPTIMIZATION AND COMPARISON OF 1,5 DAN MATRIX APPLICATION METHODS FOR MASS SPECTROMETRY IMAGING OF LIPIDS	Advanced Analytics in Life Science
24	Šimon Pavel	1,3,5-TRIAZINE AS ELECTRON WITHDRAWING GROUP IN PUSH-PULL SYSTEMS	Organic Chemistry & Catalysis
25	Šrámek Michal	BIOLOGICAL SAFETY AND TISSUE DISTRIBUTION OF (16-MERCAPTOHEXADECYL) TRIMETHYLAMMONIUM BROMIDE-MODIFIED CATIONIC GOLD NANORODS	Materials Science for Life
26	Tetour David	SYNTHESIS OF CHIRAL C2-SYMMETRIC BIS(TRIALKOXYSILANES) AS PRECURSORS FOR HYBRID ORGANOSILICA MATERIALS	Organic Chemistry & Catalysis
27	Vinklářová Lucie	MODULATION OF 17 $\beta$ -HYDROXYSTEROID DEHYDROGENASE TYPE 10 ACTIVITY AS A POTENTIAL TARGET IN NEURODEGENERATIVE DISORDERS	Bioscience & Molecular Biology
28	Zapletalová Martina	WHEN SUGAR MATTERS: COMPARATIVE TRANSCRIPTOME ANALYSIS OF ACIDOPHILIC BACTERIA STREPTOCOCCUS MUTANS GROWN ON DIFFERENT SUBSTRATES	Bioscience & Molecular Biology
29	Zárybnický Tomáš	ACUTE TOXICITY OF R-PULEGONE AND R-MENTHOFURAN IN HUMAN LIVER SLICES AND THEIR INFLUENCE ON miRNA EXPRESSION CHANGES EX VIVO	Bioscience & Molecular Biology