



LIST OF POSTERS

Sections:	Bioscience & Molecular Biology	Organic Chemistry & Catalysis	Advanced Analytics in Life Science	Materials Science for Life
------------------	--------------------------------	-------------------------------	------------------------------------	----------------------------

P01	Abreu Celeste	SELECTION OF A NANOBODY AGAINST NKP30 FOR GENERATION OF FUSION IMMUNOLIGANDS AIMED AT ACTIVATION OF NK CELL CYTOTOXICITY AGAINST TUMOUR CELLS
P02	Adamová Sabina	MASS SPECTROMETRY COUPLED WITH ARTIFICIAL NEURAL NETWORKS FOR MULTIPLE MYELOMA SUBENTITY DISCRIMINATION
P03	Amor Nesrine	CANCELLED
P04	Bakhanovich Olga	SYNTHESIS OF N-PERFLUOROALKYL-3,4-DISUBSTITUTED PYRROLES BY RHODIUM-CATALYSED TRANSANNULATION OF N-FLUOROALKYL-1,2,3-TRIAZOLES WITH TERMINAL ALKYNES
P05	Baniya Nishchal	ADVANCES IN REGENERATIVE MEDICINE AND TISSUE ENGINEERING: INNOVATION AND TRANSFORMATION OF MEDICINE
P06	Barati Vahid	SELF-IMMOLATIVE PHOSPHATE-BASED PRODRUGS FOR DELIVERY OF ANTIFUNGAL VORICONAZOLE
P07	Bartošíková Jana	IMMUNOCOMPATIBILITY OF AMINE PLASMACHEMICALLY FUNCTIONALIZED SURFACES
P08	Brázdová Lada	DETECTION OF NEW METABOLITES WITH UNUSUAL ALKYLPROLINE MOIETIES BY ISOTOPICALLY LABELLED L-DOPA
P09	Copko Jakub	DEVELOPMENT OF FULGIDES AS BUILDING BLOCKS FOR PHOTOSWITCHABLE IONIC LIQUIDS

P10	Cudlman Lukáš	CHARACTERIZATION OF POSITIONAL ISOMERS OF TRIACYLGLYCEROL ESTOLIDES
P11	Černá Eva	FREEZE-DRYING TRANSPARENT HYDROGEL FILMS FROM NATURAL GUM KARAYA MODIFIED WITH OCTENIDINE DIHYDROCHLORIDE FOR INFECTED WOUND HEALING
P12	Dokonalová Markéta	CANCELLED
P13	Folprechtová Denisa	ENANTIOSEPARATION OF NOVEL PSYCHOACTIVE SUBSTANCES IN SUPERCRITICAL FLUID CHROMATOGRAPHY AND HIGH-PERFORMANCE
P14	Goliášová Zita	LIPOPOLYSACCHARIDE FROM MICROCYSTIS AERUGINOSA-DOMINATED WATER BLOOM ACTIVATES DIFFERENT CELL TYPES IN VITRO
P15	Herciková Jana	SYNTHESIS AND EVALUATION OF NAPHTHALENE-BASED CHIRAL STRONG CATION EXCHANGERS FOR CHIRAL SEPARATION OF BASIC DRUGS
P16	Hidasová Denisa	TRIARYLAMINIUM RADICAL CATION PROMOTED NEW SYNTHETIC TRANSFORMATIONS: FROM C-O BOND CLEAVAGE TO C-C BOND FORMATION
P17	Huličiak Maroš	PROTEIN BINDER (ProBi) AS A NEW CLASS OF STRUCTURALLY ROBUST NON-ANTIBODY PROTEIN SCAFFOLD FOR DIRECTED EVOLUTION
P18	Chochola Václav	GENERATION OF LUNG ORGANIDS IN CO-CULTURE WITH ENDOTHELIAL CELLS
P19	Chylová Monika	PSEUDODOMINANCE IN TWO FAMILIES WITH STARGARDT DISEASE HIGHLIGHTS HIGH POPULATION FREQUENCY OF ABCA4 PATHOGENIC VARIANTS
P20	Kittová Patrícia	DOES AN INDUCTION OF NETOSIS INCREASE THROMBOLYTIC RESISTANCE OF CLOTS: AN IN VITRO STUDY
P21	Kolderová Natalie	UNCONVENTIONAL CHIRAL SUPERCRITICAL FLUID CHROMATOGRAPHY OF CATHINONES USING ION EXCHANGER AND GRADIENT ELUTION
P22	Krabicová Ilona	SYNTHESIS OF FUNCTIONALIZED B-CYCLODEXTRIN NANOSPONGES
P23	Krepsová Lenka	SYNTHESIS OF NOVEL (THIA)CALIX[4]DI(HYDRO)QUINONE DERIVATIVES
P24	Křešťáková Veronika	MYCOTOXINS ENNIATINS B AND B1 ALTER VOLATILE FATTY ACIDS PRODUCTION IN THE RUMEN FLUID
P25	Kubíčková Agáta	PHENOTYPIC CHANGES CAUSED BY NOVEL SNV OF RPS7 GENE
P25	Kubíčková Vendula	CANCELLED
P27	Kubinec Jan	PROPERTIES OF CU ²⁺ AND GA ³⁺ NOTA-MONOAMIDE COMPLEXES
P28	Kurfiřt Martin	DEOXYFLUORINATION AS A PROMISING SYNTHETIC APPROACH TO SELECTIVE CARBOHYDRATE-BASED GALECTIN INHIBITORS

P29	Kutsenka Katsiaryna	SYNTHESIS OF PYRIDOOXA[5]HELICENE
P30	Kvaková Klaudia	FLUORESCENT NANODIAMONDS MODIFIED WITH BIOCOMPATIBLE POLYMERS
P31	Markos Athanasios	N-FLUOROALKYLTRIAZOLES: PRECURSORS OF IMINOCARBENES AND AMINOVINYL CATIONS WITH HIGH SYNTHETIC APPLICATION
P32	Mildner Daniel	FUNCTIONALIZED HELICALLY SHAPED AROMATICS FOR SINGLE-MOLECULE CONDUCTANCE MEASUREMENTS
P33	Mititelu Maria Bianca	THE ROLE OF NpnNs-RNA AND NUDIX ENZYMES IN CELLULAR REACTION TO STRESS IN EUKARYOTES
P34	Negi Chander	AN ADVERSE OUTCOME PATHWAY (AOP) BASED IN VITRO SCREENING OF NOVEL FLAME RETARDANTS-INDUCED HEPATIC STEATOSIS
P35	<i>Noman Muhammad Tayyab</i>	<i>CANCELLED</i>
P36	Nosková Michaela	TACKLING BRAF INHIBITOR RESISTANCE IN HUMAN MELANOMA
P37	Novotná Kateřina	DESIGN AND SYNTHESIS OF PRODRUGS OF 6-DIAZO-5-OXO-L-NORLEUCINE; POTENTIAL TREATMENT OF GLIOBLASTOMA
P38	Orságová Katarína	IMMUNOMODULATORY CATHEPSIN B FROM THE HOUSE DUST MITE DERMATOPHAGOIDES FARINAE: FUNCTIONAL AND STRUCTURAL CHARACTERIZATION
P39	Páníková Terezie	INSULIN RECEPTOR ISOFORM SPECIFIC INSULINS. A DIFFICULT TASK
P40	Pečinka Lukáš	BLACK PHOSPHORUS IN MALDI TOF MS ANALYSIS OF BIO-MOLECULES
P41	Pešková Michaela	CLOTS STRUCTURE AFFECTS THROMBOLYTIC RESISTANCE: AN IN VITRO STUDY
P42	Petrová Eliška	IMIQUIMOD-LOADED NANOCAPSULES BASED ON OLEIC ACID FOR DERMAL APPLICATION
P43	Pimková Polidarová Markéta	THE ANTIVIRAL POTENTIAL OF SYNTHETIC STING AGONISTS AND THEIR PRODRUGS AGAINST CHRONIC HEPATITIS B
P44	Radaszkiewicz Katarzyna Anna	PHORBOL ESTER INCREASES CARDIOMYOGENESIS IN MES CELLS THROUGH PKC/ERK SIGNALING
P45	Reigl Tomáš	LYNX: AN INTERACTIVE BIOINFORMATIC TOOL FOR CAPTURE-BASED NEXT-GENERATION SEQUENCING DATA ANALYSIS IN LYMPHOID MALIGNANCIES
P46	<i>Sebuyoya Ravery</i>	<i>CANCELLED</i>
P47	Sedláček Jindřich	SMALL-MOLECULE MODULATORS AFFECTING PROTEASOME ACTIVITY AND HEAT SHOCK RESPONSE FOR TREATMENT OF NURODEGENERATIVE DISORDERS

P48	Serianni Valentina	ROLE OF NpnNs CAPS IN RNA STABILITY AND CELLULAR REACTION TO STRESS
P49	Shokair Ihab	STRUCTURE-PROPERTIES RELATIONSHIPS OF CROCONAINE DYES
P50	Sinigaglia Ketty	ELUCIDATING THE BIOLOGICAL ROLE OF ADAR1 IN THE INNATE IMMUNITY RESPONSE
P51	Slanina Tomáš	THE EFFECT OF EXCITED STATE ANTIAROMATICITY ON PHOTOCHEMISTRY OF SIMPLE (HETERO)ARENES
P52	Surina Anastasia	APPLICATION OF STILLE'S TYPE CROSS-COUPPLING REACTIONS IN CALIXARENE CHEMISTRY
P53	Šimková Markéta	LONG-TERM RELEASE OF BISPHENOLS FROM DENTAL COMPOSITE MATERIALS
P54	Šmahel Michal	PREPARATION OF PHOTSENSITIVE AXIALLY CHIRAL DOPANTS FOR LIQUID CRYSTALLINE MATRICES
P55	Štoček Jakub Radek	EXPLORING TAUTOMERISM AND HYDROGEN BONDING OF GUANINE ANALOGUES VIA NMR SPECTROSCOPY
P56	Švestka David	ONE-POT SYNTHESIS OF 1-ARYL-2-AMINO ALCOHOLS FROM THE CORRESPONDING AMIDES OR NITRILES
P57	Tavakoli Mitra	ISL1 CONDITIONAL DELETION IN MOUSE INNER EAR CAUSES SENSONEURAL HEARING LOSS
P58	Tuzhilkin Roman	AZURIN: A MODEL PROTEIN TO STUDY AN ELECTRON TRANSFER PROCESS
P59	Vaneková Lenka	NON-INFECTIOUS MURINE MODEL OF CHRONIC HEPATITIS B AND ITS CHARACTERIZATION
P60	Vasilevska Anna	PHOTOREDOX BEHAVIOUR OF HEXAPHENYLETHANE-BASED SWITCHES
P61	Vávra Jakub	INTERACTIONS OF HEME SENSOR PROTEINS WITH A HEME MOLECULE AS A POTENTIAL TOOL FOR BIOLOGICAL DOSIMETRY
P62	Vesselá Tereza	COPPER COMPLEXES AS PROMISING CANCER THERAPEUTICS AND THEIR EFFECTS ON ENDOPLASMIC RETICULUM
P63	Vetýšková Veronika	CHARACTERIZATION OF AMBN I AND II ISOFORMS AND STUDY OF THEIR Ca ²⁺ -BINDING PROPERTIES
P64	Vukić Dragana	ELUCIDATION OF ADAR1 FUNCTIONS IN THE IMMUNE RESPONSE BY USING INTERACTOME DATA
P65	Zálešák František	CANCELLED
P66	Zapletalová Martina	BABA-INDUCED RESISTANCE TO PATHOGENS: THE MULTI-OMICS ANALYSIS OF BABA-TREATED TOMATO

P67

Zhang Zhengyue

UNDERSTANDING PHYSICAL EFFECTS OF CHEMICAL MODIFICATION IN RNA CONTEXT WITH COMPUTATIONAL METHODS