

Section 1 - Bioorganic and Pharmaceutical Chemistry: 1. Feb 2022, 11:00 – 17:30

CHAIRPERSONS: DOC. PHARMDR. MARTIN KRÁTKÝ, PH.D., PHARMDR. LUKÁŠ OPÁLKA, PH.D.

- 11:00 - 11:15 **BPC1** INFLUENCE OF LIPOPHILIC SUBSTITUTION ON THE PYRAZINE CORE OF PYRAZINAMIDE ON ANTIMYCOBACTERIAL ACTIVITY
BOUZ GHADA
- 11:15 – 11:30 **BPC2** SYNTHESIS OF PURINE DERIVATIVES WITH ANTIMYCOBACTERIAL ACTIVITY
FINGER VLADIMÍR
- 11:30 – 11:45 **BPC3** 4-AMINOSALICYLIC ACID HYBRID COMPOUNDS AS POTENTIAL ANTITUBERCULOTICS
NAWROT DARIA
- 11:45 – 12:00 **BPC4** DESIGN, SYNTHESIS, AND SAR OF 3 AMIDOPYRAZINE-2-CARBOXAMIDES AS ANTIMICROBIALS
PALLABOTHULA VINOD SUKANTH KUMAR - ONLINE
- 12:00 – 12:15 **BPC5** SYNTHESIS AND EVALUATION OF 2,5-DISUBSTITUTED 1,3,4-OXADIAZOLES AS POTENTIAL ANTITUBERCULOTICS
PFLÉGR VÁCLAV - ONLINE
- 12:15 - 12:30 **BPC6** DESIGN, SYNTHESIS, AND PRELIMINARY BIOLOGICAL EVALUATION OF NEW BORONIC ACIDS DERIVATIVES
ŠLECHTA PETR
- 12:30 – 13:30 **BREAK**

CHAIRPERSONS: PHARMDR. MARTA KUČEROVÁ, PH.D., PHARMDR. JIŘÍ DEMUTH, PH.D.

- 13:30 – 13:45 **BPC7** DIENE TRANSMISSIVE DIELS-ALDER REACTION OF ELECTRON-POOR DENDRALENES
BRŮŽA ZBYNĚK
- 13:45 – 14:00 **BPC8** IN SITU GENERATION AND REACTIONS OF HETEROCYCLIC DENDRALENES
KADANÍK MICHAL
- 14:00 – 14:15 **BPC9** NOVEL SYNTHETIC APPROACHES TOWARD AMARYLLIDACEAE ALKALOIDS AND DERIVATIVES
PERDOMO STEFANIE MAGELA
- 14:15 – 14:30 **BPC10** TRIPLE LABELED ODN PROBES: ADVANTAGE OR NOT?
DEMUTH JIŘÍ
- 14:30 – 14:45 **BPC11** STUDYING PROPERTIES OF SUPRAMOLECULAR COMPLEXES OF PHTHALOCYANINES WITH CUCURBITURIL
KOČIŠČÁKOVÁ LUCIA
- 14:45 – 15:00 **BPC12** OLIGODEOXYNUCLEOTIDE PROBES LABELING: INFLUENCES ON A CLICK REACTION EFFICIENCY
KOLÁŘOVÁ MICHAELA
- 15:00 – 15:15 **BPC13** SYNTHESIS OF NEW UNSYMMETRICAL PHTHALOCYANINES FOR PHOTOINDUCED DRUG RELEASE
KOLLÁR JAN

15:15 - 15:30 **BPC14** **SYNTHESIS OF NEW ACRIDINE-4-CARBOXAMIDES**
KOSTELANSKY FILIP

15:30 – 15:45 **BREAK**

CHAIRPERSONS: DOC. PHARMDR. JAN ZITKO, PH.D., DOC. PHARMDR. MARTIN KRÁTKÝ, PH.D.

15:45 – 16:00 **BPC15** **SYNTHESIS AND CHARACTERIZATION OF THIOL-TERMINATED CERAMIDES FOR GOLD NANOPARTICLES COATING**
HIRBOD SORINA

16:00 – 16:15 **BPC16** **LOSS OF LINOLEATE TAIL IN OMEGA-O-ACYLCERAMIDES CHANGES THE MOLECULAR ARCHITECTURE OF SKIN BARRIER LIPIDS**
ONDREJČEKOVÁ VERONIKA - ONLINE

16:15 – 16:30 **BPC17** **CERAMIDE-DECORATED DENDRIMERS AS CORNEOCYTE LIPID ENVELOPE MIMICKING MODEL**
VELISSARI PANAGIOTA- ONLINE

16:30 – 16:45 **BPC18** **2-AMINOXAZOLES AS A VIABLE ALTERNATIVE TO 2 AMINOTHIAZOLES IN ANTIMICROBIAL AGENTS**
JUHÁS MARTIN

16:45 – 17:00 **BPC19** **ANTIBACTERIAL EFFECTS OF OXAZOLE DERIVATIVES**
DIEPOLTOVÁ ADÉLA - ONLINE

17:00 – 17:15 **BPC20** **SYNTHESIS OF NOVEL INHIBITORS OF PROLYL-TRNA SYNTHETASE**
KERDA MAREK

17:15 – 17:30 **BPC21** **AN INTEGRATED COMPUTATIONAL APPROACH TO THE DISCOVERY OF A NEW TGR5 AGONIST**
SALAM RUDY - ONLINE