

Section 3 - Bioorganic and Pharmaceutical Chemistry: 28. Jan 2025, 10:30 – 15:30, Hall A

CHAIRPERSONS: ASSOC. PROF. DR. RUSSELL KITSON, PH.D., PHARMDR. JIŘÍ DEMUTH, PH.D.

10:30 - 10:45	BPC1	PET-CONTROLLED SILICON PHTHALOCYANINES FOR PRECISION PHOTODYNAMIC THERAPY <i>MARY ANGELIA ALFRED - ONLINE</i>
10:45 - 11:00	BPC2	SELF-ASSEMBLY OF TETRAPYRAZINOPORPHYRAZINES INTO J-AGGREGATES <i>ŠTEFAN BEDNÁŘIK</i>
11:00 - 11:15	BPC3	ENHANCEMENT OF AZAPHTHALOCYANINE FLUORESCENCE QUENCHING BY FORMATION OF SUPRAMOLECULAR COMPLEXES <i>JANA LAPEŠOVÁ</i>
11:15 – 11:30	BPC4	SYNTHESIS OF POLYPHENOLIC CYCLOPENTENEDIONES <i>ONDŘEJ KRATOCHVÍL</i>
11:30 – 11:45	BPC5	PROGRESS IN TOTAL SYNTHESIS OF NOSTOLACTONE 4 <i>PATRIK SEDLÁČEK</i>
11:45 – 12:00	BPC6	SYNTHESIS AND REACTIVITY OF HYDROPHYLIC DENDRALENES AND PYRAN-2-ONES <i>BARTOLOMĚJ GROBAŘ</i>
12:00 - 13:00		BREAK

CHAIRPERSONS: ASSOC. PROF. PHARMDR. VERONIKA NOVÁKOVÁ, PH.D., PHARMDR. MARTA KUČEROVÁ, PH.D.

13:00 – 13:15	BPC7	CERAMIDE ANALOGS ON MICA – INTERACTIONS WITH SKIN LIPID MONOLAYERS <i>PANAGIOTA VELISSARI</i>
13:15 – 13:30	BPC8	SYNTHESIS OF LOW-SYMMETRICAL SILICA-PHTHALOCYANINES WITH AXIAL MODIFICATION FOR PHOTODYNAMIC THERAPY <i>LEON DAVID RODRIGUES</i>
13:30 – 13:45	BPC9	VIRTUAL SCREENING FOR PROLYL-TRNA SYNTHETASE INHIBITORS <i>ANDREA BACHTÍKOVÁ</i>
13:45 – 14:00	BPC10	IMPROVING ANTIMYCOBACTERIAL ACTIVITY OF ASPARTATE DECARBOXYLASE INHIBITORS <i>PRIAM-AMEDEO HOUNGBEDJI</i>
14:00 – 14:15	BPC11	DECIPHERING THE CHIRALITY OF METALLOCARBORANES <i>MARTIN JUHÁS</i>
14:15 – 14:30	BPC12	SYNTHESIS AND EVALUATION OF ANTIMICROBIAL ACTIVITY OF NEW ACETOPHENONE DERIVATES <i>ADÉLA ŠIMKOVÁ</i>
14:30 – 14:45		BREAK

CHAIRPERSONS: PHARMDR. LUKÁŠ OPÁLKA, PH.D., PHARMDR. PETR MATOUŠ, PH.D.

14:45 – 15:00 *BPC13* SYNTHESIS OF NOVEL DEXRAZOXANE DERIVATIVE

MAREK MACUŠ

**15:00 – 15:15 *BPC15* SYNTHESIS OF MODIFIED CERAMIDE-COATED GOLD SURFACE TO STUDY SKIN BARRIER
ARRANGEMENT**

SORINA HIRBOD