Section 1 - Biochemistry, Pharmacology and Toxicology I: 28*. Jan 2024, 10:30 – 14:30*, Hall B

CHAIRPERSONS: ASSOC.PROF. PHARMDR. JANA POUROVÁ, PH.D., PHARMDR. ALEJANDRO CARAZO, PH.D.,

10:30 - 10:45 ***BPT1*** **ASSESSMENT OF DNA DAMAGE INDUCED BY EPIRUBICIN IN ISOLATED ADULT RAT CARDIOMYOCYTES**
VERONIKA KERESTEŠ

10:45 – 11:00 ***BPT2*** **CONSTITUTIVE ANDROSTANE RECEPTOR ACTIVATION DECREASES LIVER CONTENT OF BILE ACIDS DURING ESTROGEN-INDUCED CHOLESTASIS IN MICE**
MÁRIA BAJNOKOVÁ

11:00 - 11:15 ***BPT3*** **TAPEWORMS AS AN IMPORTANT PLAYER IN TRANSPORT AND METABOLISM IN THE GUT**
ONDŘEJ VOSÁLA

11:15 – 11:30 ***BPT4*** **EFFICACY OF NEW BENZHYROXAMIC ACID DERIVATES ON NEMATODE**
JOSEF KRÁTKÝ

11:30 – 11:45 ***BPT5*** **THE ROLE OF HISTONE MODIFICATIONS IN THE DEVELOPMENT OF DRUG RESISTANCE IN THE PARASITIC NEMATODE H. CONTORTUS**
NIKOLA RYCHLÁ

11:45 – 12:00 ***BPT6*** **THE EFFECT OF FLUBENDAZOLE ON PANCREATIC CANCER CELL LINES**
ELIŠKA KOHOUTOVÁ

12:00 – 13:00 **BREAK**

CHAIRPERSONS: ASSOC. PROF. ING. PETRA MATOUŠKOVÁ, PH.D., ASSOC. PROF. PHARMDR. IVA BOUŠOVÁ, PH.D.

13:00 - 13:15 ***BPT7*** **RIBOSOME-INACTIVATING PROTEINS AS CARGO IN PHOTOCHEMICAL INTERNALIZATION VIA PHTHALOCYANINE PHOTOSENSITIZERS**
INGRID HLBOČANOVÁ

13:15 - 13:30 ***BPT8*** **ELIMINATION OF PD-L1+ LUNG CANCER CELLS USING PHOTOCHEMICAL INTERNALIZATION**
MAGDALÉNA KOZLÍKOVÁ

13:30 - 13:45 ***BPT9*** **EVALUATION OF MI-676 - A POTENT HUMAN CONSTITUTIVE ANDROSTANE RECEPTOR AGONIST FOR MAFLD**
DHARANI SAI SREEKANTH NELLORE

13:45 - 14:00 ***BPT10*** **DISCOVERY OF A PXR ANTAGONIST MI891 AND THEIR ROLES IN HEPATIC GENE REGULATION**
RAJAMANIKKAM KAMARAJ

14:00 - 14:15 ***BPT11*** **EVALUATION OF NOVEL FLT3 INHIBITORS IN ACUTE MYELOID LEUKEMIA**
JAN RATAJ - ONLINE

14:15 – 14:30 ***BPT12*** **MATHEMATICAL MODELS TO HIGHLIGHT THE IMPACT OF NEGATIVE FEEDBACK LOOPS AND CIRCADIAN RHYTHMS ON PXR OSCILLATIONS**
BECHARA SAADE - ONLINE