

Section 4 - Biochemistry, Pharmacology and Toxicology II: 29. Jan 2025, 8:30 – 11:45, Hall B

CHAIRPERSONS: ASSOC. PROF. PHARMDR. MARTINA ČEČKOVÁ, PH.D.; PHARMDR., EDUARD JIRKOVSKY, PH.D.

- 8:30 - 8:45 **BPT13** DEVELOPMENT AND RESEARCH OF NOVEL COMPOUNDS TO COMBAT ANTIFUNGAL RESISTANCE
PAVLÍNA VÁVROVÁ
- 8:45 - 9:00 **BPT14** ANTI-ENDOGLIN MONOCLONAL ANTIBODIES AS A THERAPEUTIC APPROACH TO PREVENT THE PROGRESSION OF MASH: INSIGHT FROM IN VIVO AND IN VITRO MODELS
SAMIRA EISSAZADEH
- 9:00 - 9:15 **BPT15** EFFECT OF GLIPIZIDE ON THE EXPRESSION AND FUNCTION OF ENDOGLIN AND RELATED BIOMARKERS OF ENDOTHELIAL DYSFUNCTION IN TYPE 2 DIABETES MELLITUS
MARTINA VAŠINOVÁ
- 9:15 - 9:30 **BPT16** HUMANIZED MICE OVEREXPRESSING ENDOGLIN – AN ANIMAL MODEL SUITABLE TO INVESTIGATE THE EFFECT OF ENDOGLIN ON METABOLIC DYSFUNCTION-ASSOCIATED STEATOHEPATITIS
NILOUFAR MOHAMMADI
- 9:30 - 9:45 **BPT17** CANNABINOIDS SUPPRESS LPS-MEDIATED INFLAMMATION IN HUMAN PLACENTAL EXPLANTS
MOHAMMAD RIDA GHADDAR
- 9:45 - 10:00 **BPT18** ENTECAVIR AFFECTS ON NUCLEOSIDE/NUCLEOTIDE METABOLISM IN THE PLACENTA: IMPLICATIONS FOR PREGNANCY
MARIA SHOSTOPAL
- 10:00 - 10:15 **BREAK**

CHAIRPERSONS: ASSOC. PROF. PHARMDR. LUKÁŠ ČERVENÝ, PH.D.

- 10:15 - 10:30 **BPT19** INTERACTION OF NATURAL HYDROXYBENZOIC ACIDS WITH PHYSIOLOGICAL METALS IRON AND COPPER
PATRÍCIA HARČÁROVÁ
- 10:30 - 10:45 **BPT20** MASLD-INDUCED ALTERATIONS IN DETOXIFICATION SYSTEM
MARTIN HORNÍ
- 10:45 - 11:00 **BPT21** VINCA MINOR L. ALKALOIDS AND THEIR NEUROPROTECTIVE ACTIVITIES RELATED TO ALZHEIMER'S DISEASE AS MULTI-TARGET LIGANDS: IN VITRO AND IN SILICO STUDIES
SYED WALEED AHMED BOKHARI
- 11:00 - 11:15 **BPT22** INTERACTION OF HOMOCYSTEINE WITH HUMAN TRACE ELEMENTS
BOGDAN ADLER
- 11:15 – 11:30 **BPT23** EFFECT OF DIRECT ANTICOAGULANTS ON PLATELET-MONOCYTE AGGREGATES OCCURRENCE IN PATIENTS WITH METABOLIC DISEASES
CATHERINE IMMACULATE GUNASEELAN
- 11:30 – 11:45 **BPT24** THE WINS AND FAILURES ON CURRENT DOCKING METHODS TESTED ON THE FLEXIBLE ACTIVE SITE OF CYP PROTEINS
DOMINIK SUWALA

