

Section 6 - Pharmacognosy and Toxicology of Natural Compounds: 2. Feb. 2022, 8:30 – 11:45

CHAIRPERSONS: RNDR. JAROSLAV JENČO, PH.D., PHARMDR. KATEŘINA HRADISKÁ BREITEROVÁ, PH.D.

- 8:30 - 8:45 **PG1** **CYTOTOXICITY OF VARIOUS STRUCTURAL TYPES OF ALKALOIDS AND THEIR SEMISYNTHETIC DERIVATIVES**
HRADISKÁ BREITEROVÁ KATEŘINA
- 8:45 - 9:00 **PG2** **ANALYSIS OF THE EFFECT OF FLAVONOIDS ON COPPER-TRIGGERED FENTON REACTION**
LOMOZOVÁ ZUZANA - ONLINE
- 9:00 - 9:15 **PG3** **ISOLATION OF ALKALOIDS FROM NARCISSUS POETICUS VAR. RECURVUS**
HULCOVÁ DANIELA
- 9:15 - 9:30 **PG4** **ALKALOIDS OF NORBELLADINE TYPE FROM NARCISSUS PSEUDONARCISSUS CV. CARLTON AS INSPIRATION FOR DEVELOPMENT OF HIGHLY SELECTIVE BUTYRYLCHOLINESTERASE INHIBITORS**
MAMUN ABDULLAH - ONLINE
- 9:30 - 9:45 **PG5** **AMARYLLIDACEAE ALKALOIDS AS INSPIRATION FOR THE DEVELOPMENT OF HIGHLY SELECTIVE BUTYRYLCHOLINESTERASE INHIBITORS: THE RELATIONSHIP BETWEEN STRUCTURE, EFFECT, AND TOXICITY**
PIDANÝ FILIP - ONLINE
- 9:45 - 10:00 **PG6** **ALKALOIDS OF THE DICRANOSTIGMA FRANCHETIANUM HOOK F. ET THOMSON (PAPAVERACEAE) HERB ABOVE-GROUND AND THEIR INHIBITION OF ACETYL- AND BUTYRYLCHOLINESTERASE**
WIJAYA VIRIYANATA - ONLINE
- 10:00 - 10:15 **BREAK**
- 10:15 - 10:30 **PG7** **SEMISYNTHETIC DERIVATIVES OF AMARYLLIDACEAE ALKALOID HAEMANTHAMINE AS POTENTIAL DRUGS IN THE TREATMENT OF ALZHEIMER'S DISEASE**
PEŘINOVÁ ROZÁLIE - ONLINE
- 10:30 - 10:45 **PG8** **ALKALOIDS OF VINCA MINOR L. – IDENTIFICATION OF NEW ANTI-ALZHEIMER'S STRUCTURAL SCAFFOLD**
VRABEC RUDOLF - ONLINE
- 10:45 - 11:00 **PG9** **ISOLATION OF AMARYLLIDACEAE ALKALOIDS FROM NERINE BOWDENII BY PH-ZONE REFINING CENTRIFUGAL PARTITION CHROMATOGRAPHY**
RITOMSKÁ ANETA - ONLINE
- 11:00 - 11:15 **PG10** **ANTIMICROBIAL ACTIVITY OF SEMISYNTHETIC DERIVATIVES OF MONTANINE-TYPE ALKALOIDS**
MAAFI NEGAR
- 11:15 – 11:30 **PG11** **CHATBOT: PREFERENCE OF DIETARY SUPPLEMENTS IN CANCER PATIENTS**
PLESKOT ONDŘEJ - ONLINE