

Lecture hall C

Session 3 - Pharmaceutical Technology: 12:30 – 15:30

Chairpersons: Prof. Daniel Scherman, Assoc. Prof. Zdeňka Šklubalová, Dr. Jitka Mužíková

- 12:30 - 12:45 **FT1** **IMPROVING THE DISSOLUTION RATE OF POORLY SOLUBLE MELOXICAM BY CO-MILLING**
BROKEŠOVÁ, J., TRPĚLKOVÁ, Ž., KOKTAN, J., ŠKLUBALOVÁ, Z.
- 12:45 - 13:00 **FT2** **AVALANCHE TESTING AND ITS RELATIONSHIP TO COHESION OF POWDERS**
TRPĚLKOVÁ, Ž., ŠKLUBALOVÁ, Z.
- 13:00 - 13:15 **FT3** **CHARACTERIZATION OF RHEOLOGICAL PROPERTIES OF POLYMERS FOR FORMULATION OF LIQUISOLID SYSTEMS TARGETED TO THE COLON**
OGADAH, C., VRANIKOVA, B., SKLUBALOVA, Z.
- 13:15 - 13:30 **FT4** **IN VITRO MODELS OF SKIN LIPID BARRIER**
SAGRAFENA, I., PARASKEVOPOULOS, G., VÁVROVÁ, K.
- 13:30 - 13:45 **FT5** **DELIVERY OF SKIN BARRIER LIPIDS TO RECONSTRUCTED HUMAN EPIDERMIS**
NOVÁČKOVÁ, A., OPÁLKA, L., VÁVROVÁ, K., JONCA, N.
- 13:45 - 14:00 **FT6** **SNEDDS FOR TARGETED OLIGONUCLEOTIDE DELIVERY TO INFLAMED INTESTINAL TISSUE**
KUBACKOVA, J., HOLAS, O., ZBYTOVSKA J., PAVEK, P., MULLERTZ, A.
- 14:00 - 14:15 **COFFEE BREAK**
- 14:15 - 14:30 **FT7** **POLYMERIC PARTICLES: A TOOL FOR TARGETED INFLAMMATION MANAGEMENT**
BOLTNAROVÁ, B., KUBAČKOVÁ, J., HOLAS, O., PÁVEK, P.
- 14:30 - 14:45 **FT8** **IMIQUIMOD CONTAINING LIPOSOMES FOR DERMAL DELIVERY**
PANOUSOPOULOU, E., PARASKEVOPOULOS, G., SAGRAFENA, I., NOVÁČKOVÁ, A., VÁVROVÁ, K., ZBYTOVSKÁ, J.
- 14:45 - 15:00 **FT9** **OPTIMIZATION OF RIFAMPICIN-LOADED NANOPARTICLES PREPARATION**
COSTA, P., ŠNEJDROVÁ, E., MARTIŠKA, J., DITTRICH, M.
- 15:00 - 15:15 **FT10** **A STUDY OF COMPRESSIBILITY AND COMPACTABILITY OF TABLETING MATERIALS WITH CHITOSAN**
DOUBKOVÁ, B., MUŽÍKOVÁ, J.
- 15:15 – 15:30 **FT11** **INTRODUCTION INTO THE MAIN IDEAS OF PCA WITH ILLUSTRATIONS FROM PHARMACEUTICAL TECHNOLOGY AND PHARMACOLOGY**
MARUSHKA, J., DUINTJER TEBBENS, J., KARAHODA, R., ŠTAUD, F.