

## Section 2 - Pharmaceutical Technology: 30. Jan 2024, 11:00 – 14:30

CHAIRPERSONS: ASSOC. PROF. ZDEŇKA ŠKLUBALOVÁ, DR. GEORGIOS PARASKEVOPOULOS, PH.D.

11:00 – 11:15	<b>PT1</b>	<b>INTRANASAL DELIVERY OF GALANTAMINE VIA ENZYMATICALLY CROSSLINKED HA-BASED HYDROGELS</b> <i>SETH ASAMOAH</i>
11:15 – 11:30	<b>PT2</b>	<b>ADVANCED THERAPY FOR LIVER INFLAMMATION: TARGETING MACROPHAGES WITH CORTICOSTEROID-LOADED NANOSPHERES</b> <i>BARBORA BOLTNAROVÁ</i>
11:30 – 11:45	<b>PT3</b>	<b>STUDY OF DRUG-SILICA INTERACTIONS IN SIMULATED MEDIA</b> <i>NOEMI FRIGOLA VERHEIN</i>
11:45 – 12:00	<b>PT4</b>	<b>ENHANCING ENCAPSULATION AND PROLONGING RELEASE OF HYDROPHILIC ANTIBIOTICS WITH PLGA NANOPARTICLES THROUGH ION PAIRING</b> <i>VLADISLAV FROLOV</i>
12:00 – 12:15	<b>PT5</b>	<b>SKIN BARRIER MODELS: FROM BARRIER FORMATION TO POSSIBLE TOPICAL APPLICATION OF BARRIER LIPIDS</b> <i>IVA HRDINOVÁ</i>
12:15 – 12:30	<b>PT6</b>	<b>HYALURONIC ACID GRAFTED WITH CERAMIDE NP AS PROMISING MACROMOLECULES FOR SKIN APPLICATION</b> <i>MARTIN JUHAŠČÍK</i>
12:30 – 13:15		<b>BREAK</b>
13:15 – 13:30	<b>PT7</b>	<b>OLIGONUCLEOTIDE LOADED HYBRID NANOPARTICLES FOR CHRONIC LIVER INFLAMMATION MANAGEMENT</b> <i>NANCY MRÓZKOVÁ</i>
13:30 – 13:45	<b>PT8</b>	<b>PREPARATION OF ORODISPERSIBLE TABLETS BY SELECTIVE LASER SINTERING</b> <i>THAO TRANOVÁ</i>
13:45 – 14:00	<b>PT9</b>	<b>INCREASING OF MELOXICAM DISSOLUTION RATE BY SPRAY DRYING FROM MIXTURE OF ETHANOL AND ACETONE</b> <i>TEREZA VAŘILOVÁ</i>
14:00 – 14:15	<b>PT10</b>	<b>EARLY SCREENING OF APPARENT DRUG INTERACTIONS TO MESOPOROUS SILICA</b> <i>ANDREAS NIEDERQUELL - <u>ONLINE</u></i>
14:15 – 14:30	<b>PT11</b>	<b>THE INTERPLAY BETWEEN WATER PHASE PH AND CHARACTERISTICS OF OBETICHOLIC ACID-LOADED PLGA NANOPARTICLES</b> <i>DMYTRO IEFREMENKO - <u>ONLINE</u></i>