

I. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science

January 31th 2019. Szeged, Hungary

Schedule

08:30-08:45 Opening Ceremony

Oral Presentations

Section 1. – Chair: Dr. Ildikó Csóka

- OP-1** – 08:45-09:00 **Nikolett Kis**, Szilvia Berko, Erzsebet Csanyi
Examination of penetration through the skin by passive and active methods
- OP-2** – 09:00-09:15 **Mahwash Mukhtar**, Rita Ambrus
Fabrication of pulmonary formulations containing hyaluronic acid and chitosan-based nanoparticles for drug delivery in tuberculosis
- OP-3** – 09:15-09:30 **Zsófia Németh**, Dorina Dobó, Edina Pallagi, Ildikó Csóka
Basic research methods in the development process of the liposomal formulations
- OP-4** – 09:30-09:45 **Fakhara Sabir**, Ildikó Csóka
Exploiting potential of intranasal delivery of lipid nanoformulation for targeting glioblastoma
- OP-5** – 09:45-10:00 **Tamás Kiss**, Rita Ambrus
Preparation and investigation of levodopa-containing powders for alternative administration
- OP-6** – 10:00-10:15 **Hussein Akel**, Ildikó Csóka
Nanocarrier Based Systems for Nose to Brain delivery of Anti-Neurodegenerative Medicines

10:15-10:30 Break

Section 2. – Chair: Dr. Tamás Sovány

- OP-7** – 10:30-10:45 **Eszter L. Kiss**, Mária Budai-Szűcs, Erzsébet Csányi
Improving the ophthalmic bioavailability of steroidal anti-inflammatory drugs
- OP-8** – 10:45-11:00 **Yasmine Ranjous**, Tamás Sovány, Géza Regdon jr.
Optimization of the production process and product quality of titanate nanotube-drug composites

- OP-9 – 11:00-11:15** **Ernő Benkő**, Tamás Sovány, Ildikó Csóka
API – excipient interactions in non-biodegradable solid matrix systems
- OP-10 – 11:15-11:30** **Reihaneh Manteghi**, Gerda Szakonyi, Ildikó Csóka
Design and Development of a novel modified anti-microbial peptide (AMP) formula: evaluation of different parameters and risks influencing AMP effectiveness
- OP-11 – 11:30-11:45** **Stella Zsikó**, Szilvia Berkó, Erzsébet Csányi
Skin penetration investigational methods
- OP-12 – 11:45-12:00** **Yousif H-E. Y. Ibrahim**, Tamás Sovány, Géza Regdon jr.
Design and characterization of Chitosan/citrate films as suitable multifunctional coating for oral -macromolecule delivery

12:00-13:00 Lunch break

Section 3. – Chair: Dr. Rita Ambrus

- OP-13 – 13:00-13:15** **Edit Benke**, Rita Ambrus, Piroska Szabó-Révész
Formulation and investigation of novel, carrier-based dry powder inhalation system
- OP-14 – 13:15-13:30** **Areen Alshweiat**, Ildikó Csóka, Rita Ambrus
Development of sodium hyaluronate-based formulations loaded with nanosuspension for nasal delivery of loratadine: Simplicity of preparation and application
- OP-15 – 13:30-13:45** **Tivadar Bíró**, Zoltán Aigner
Novel ophthalmic formulations to increase the efficacy and stability
- OP-16 – 13:45-14:00** **Attila Léber**, Erzsébet Csányi, Mária Budai-Szűcs
Lipid-based delivery systems for periodontitis treatment
- OP-17 – 14:00-14:15** **Krisztina Ludasi**, Géza Regdon jr.
Development of anti-counterfeiting protection by laser technology
- OP-18 – 14:15-14:30** **Ruba Ismail**, Ildikó Csóka
Quality by Design driven development of Liraglutide loaded nanocarrier system designed for oral delivery
- OP-19 – 14:30-14:45** **Péter Gieszinger**, Rita Ambrus, Piroska Szabó-Révész
Nasal formulation of active ingredients to induce systemic and central nervous systemic effects
- OP-20 – 14:45-15:00** **Csaba Bartos**, Piroska Szabó-Révész
Formulation of a solid oral drug delivery systems containing nanosuspension produced by combined wet milling technique

15:00-15:15 Closing Ceremony