

V Russian-Finnish Symposium

“Tomorrow's trends and technologies in drug development”

October 25th 2018, Turku
Preliminary program

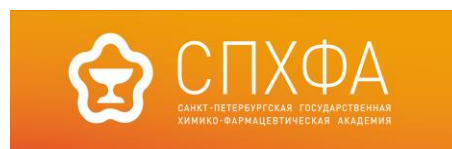
- 8.30 Coffee
8.45 Welcome and opening
Rector Kalervo Väänänen
Rector Igor Narkevich
Vice Rector Niklas Sandler
- 9.00-11.05 Session 1: Biological drugs**
Moderators: prof. Niklas Sandler, vice-rector, ÅAU and **prof. E. Flisyuk**, vice-rector, SPCPU
- 9.00-9.15 **Dr. M. Povydysh**, SPCPU: Russian-Finnish scientific collaboration - results and prospects
9.15-9.40 **Prof. Marko Salmi**, UTU, An introduction to therapeutic antibodies
9.40 -9.55 **A. Fabrichny**, SPCPU, The development of ion-exchange chromatography as a stage of a bioprocess for the preparation of recombinant adeno-associated viral vectors for gene-therapy of hereditary diseases
9.55-10.10 Rus. Pharm. Company
10.10-10.25 Rus. Pharm. Company
10.25-10.50 **Timo Piironen**, Syrinx bioanalytics Ltd. Immunogenicity and safety of biological drugs - a bioanalytical CRO perspective
10.50-11.05 **James Jamal Kadiri**, UTU Melanocortins in Atherosclerosis: a plausible anti-inflammatory pharmacotherapy prospect
11.05-12.15 Lunch break
- 12.15-14.20 Session 2: Natural compounds/Synthesis of drug molecules**
Moderators : Dr. M. Povydysh, SPCPU and **Finnish moderator TBC**
- 12.15-12.40 **Prof. Juha-Pekka Salminen**, UTU, Understanding and improving the bioactivity and stability of complex plant polyphenols
12.40-12.55 **A. Whaley**, SPCPU, Analysis of hydrolysable tannins from the leaves of *Rubus chamaemorus*
12.55-13.10 **S. Galasheva**, SPCPU/ÅAU: Glycosylation of new azines and azoles as a method of chemical modification of biologically active substances
13.10-13.25 **Yu. Sysoev**, SPCPU, Alpha-2 adrenoreceptor agonists for correction of neurological disturbances after CNS injuries: possible benefits and disadvantages
13.25-13.40 Rus. Pharm. company
13.40-14.05 **Prof. Olli Pentikäinen**, UTU, Synthesis of tool compound series towards chemogenomic studies
14.05-14.20 **Benjamin Nji Wandji**, UTU, Metabolic engineering for production of novel anthracycline anticancer agents
14.20-14.50 **Coffee break**

- 14.50-16.55** **Session 3: Modern/future drug delivery and manufacturing technologies**
Moderators : Dr. B. Lalaev, SPCPU and Prof. Jessica Rosenholm, ÅAU
- 14.50-15.15 **Prof. Hongbo Chang, ÅAU, Nanotechnology for Clinical Applications**
- 15.15-15.30 **O. Terenteva, SPCPU, Hot melt extrusion in pharmacy**
- 15.30-15.45 **S. Belokurov, SPCPU The use of innovative extraction methods for obtaining extracts with a high content of biologically active substances**
- 15.45-16.10 **Lasse Leino, Delsitech Ltd., Biodegradable silica based drug delivery of peptide and protein drugs**
- 16.10-16.25 **A. Astanina, SPCPU, Perspectives of 3D-bioprinting in biotechnology and biomedicine**
- 16.25-16.40 Finnish student
- 16.40-16.55 **Vice-rector, Dr. Yu. Ilyinova, SPCPU, Actual problems of staffing of the pharmaceutical industry: how to keep pace with scientific and technological progress**
- 16.55-18.00 **Posters/wine/cheese.**

Symposium working language is English



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