

Läkemedelsakademin

Swedish Academy of Pharmaceutical Sciences

14th Symposium on Pharmacokinetics and Drug Metabolism

March 29-30 2017, Göteborg

Day 1 at Scandic Rubinen, Göteborg, Day 2 at AstraZeneca, Mölndal

Preliminary Programme

Wednesday, March 29

17.00 *Registration, coffee*

17.55 **Introduction to meeting**

18.00- **Key note lecture: *Delivering drugs to the right address***

18.45 *Steve Hood, GSK, UK*

19.00- **Candle light lecture: *Pharmacodynamics - 30 years of magic***

19.45 *Johan Gabrielsson, SLU, Sweden*

20.00 *Dinner at Scandic Rubinen*

Thursday, March 30

07.30 *Departure Bus from Scandic Rubinen to AstraZeneca PG Center, Mölndal*

Session I: General understanding of targeted delivery and different strategies for targeted drug delivery

Chair: *Laurent Knerr, AstraZeneca*

08.30 **Strategies for targeted drug delivery**

Enrico Mastrobattista, Dept. Pharmaceutics, Utrecht University, The Netherlands

09.15 **Antibody-drug conjugates and small molecule-drug conjugates: a comparative analysis**

Dario Neri, ETH Zurich, Switzerland

10.00 **Advances in targeted delivery of oligonucleotides**

Shalini Andersson, AstraZeneca, Sweden

10.20 **Selective and specific targeting of pancreatic β -cells using peptide mediated cargo delivery**

Carina Åmmälä, AstraZeneca, Sweden

10.35 *Coffee and exhibition*

Session II: Experimental and Measurement techniques for assessing drug targeting

Chair: *Suzanne Iverson Hemberg, Sahlgrenska University Hospital, Sweden*

11.00 **An easy road to the brain – the combinatory mapping approach for assessing CNS drug targeting**

Margareta Hammarlund, Uppsala University, Sweden

11.30 **Nanosims technology to measure drug cell distribution**

Michael Kurczy, AstraZeneca, Sweden

11.45 **Systems Pharmacology and drug targeting: new best friends**

Matthias Machacek, LYO-X GmbH, Switzerland

12.15 *Lunch*

13.15 **Poster session**

Session III: Safety and regulatory aspects for targeted drug delivery

Chair: *Patrik Andersson, AstraZeneca, Sweden*

14.00 **Getting there safely - Preclinical safety considerations for drug targeting**

Camilla Svensson, Medical Product Agency, Sweden

14.30 **The Rosenön Award for best thesis 2015/16 in the PKPD/metabolism field**

15.00 *Coffee and exhibition*

15.30 **Clinical Pharmacology regulatory consideration for drug targeting**

Elin Lindhagen, Medical Product Agency, Sweden

16.00 **Closing remarks**