

12th Symposium on Pharmaceutical Profiling in Drug Discovery and Development

January 19, 2023

8.00 Registration

8.20 Welcome (Prof. Per Artursson)

Session 1: Drug Delivery Strategies (part I, Chair: Prof. Christel Bergström)

8.30 Prof. Olivia Merkel (LMU, Munich), keynote presentation:

Treatment of lung diseases via siRNA inhalation delivery

9.10 Prof. Paola Luciani (University of Bern):

Targeting fibrosis in multiple organs via lipid-based drug delivery systems

9.40 Drug delivery pitch presentations

10.00 --- Coffee break and Poster Session ---

Session 2: Emerging techniques in cellular mechanisms (Chair: Prof. Per Artursson)

10.30 Prof. Ola Söderberg (Uppsala University):

Development of novel molecular biology tools for medical research

10.55 Assist. Prof. Daniel Fürth (Uppsala University):

A chemoselective in vivo sequencing chemistry

Session 3: Discussion panel (Chair: Dr. Björn Arvidsson)

11.20 *Impact of European drug delivery science*

12.00 Lunch

Session 4: Drug Delivery Strategies (part II, Chair: Assoc. Prof. Alexandra Teleki)

13.30 Prof. Yvonne Perrie (University of Strathclyde), keynote presentation:

Formulation strategies for the delivery of mRNA vaccines

14.10 Prof. My Hedhammar (KTH/Spiber Technologies):

FN-silk membrane as mimic of basement membrane in tissue barrier models

14.40 Assoc. Prof. Daniel Espes (Uppsala University):

Novel imaging techniques and drugs for targeting human pancreatic islets

15.00 Coffee break & Poster session

Session 5: Drug discovery, metabolomics and bioanalysis (Chair: Assoc. Prof Paweł Baranczewski)

16.00 Prof. Per Arvidsson (Karolinska Institutet, SciLifeLab DDD), keynote presentation:

Explorations and innovations at the academia-industry interface - tales from the SciLifeLab DDD infrastructure

16.30 Prof. Jens Carlson (Uppsala University):

Antiviral drug discovery by virtual screening of ultra-large chemical libraries

17.00 Concluding remarks (Prof. Per Artursson)

The Humanities Theatre, English park campus, Uppsala



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Register here:

<https://tinyurl.com/mr28ruzp>

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