

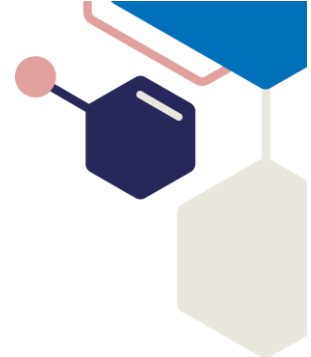
4th Swedish Medicinal Chemistry Symposium

17-18 April, 2024. Organizer: Section for Medicinal Chemistry, Swedish Pharmaceutical Society

April 17

- 09.15** Registration and coffee
- 09.45** **Opening remarks – House keeping**
Chair: Lena Ripa, AstraZeneca
- 10.00** **An IL-17A crystallization system supporting small molecule structure-based drug design**
Maria Håkansson, SARomics Biostructures
- 10.30** **Application of SYN321 in Osteoarthritis Management. The Science behind the Local Injection Technology HYDRO-LINK**
Antonio Bermejo Gómez, Synartro
- 11.00** **Mimicking nature´s design – pseudoglucosinolates as prodrugs for bioresponsive isothiocyanate release**
Philipp Klahn, University of Gothenburg
- 11.30** **Affibody-based hBCMA x CD16 dual engagers for NK cell-mediated killing of multiple myeloma cells**
Stefan Svensson Gelius, Oncopeptides
- 12.00 – 13.30** **Lunch**

Chair: Ulf Nilsson, Lund University
- 13.30** **The FragMAX facility for structure-based drug discovery at MAX IV Laboratory**
Tobias Krojer, MAX IV Laboratory
- 14.00** **“Scratching the surface” with skin PKPD**
Stefan Eirefelt, LEO Pharma
- 14.30** **Is functionalization of C-H bonds interesting in medicinal chemistry?**
Magnus Johansson, AstraZeneca
- 15.00 – 15.45** **Coffee break – Poster session**
- 15.45** **Targeting metabolic reprogramming in leukemia**
Karin Lindkvist, Lund University
- 16.15** **Discovery and pre-clinical characterization of AZD4604, a potent and selective inhaled JAK1 inhibitor in clinical development**
Magnus Nilsson, AstraZeneca
- 16.45** **Accelerating drug design with AI & simulation**
Eva Nittinger, AstraZeneca
- 17.15 – 19.00** **Poster session – Refreshments**



April 18

08.45

House keeping

Chair: Anders Karlén, Uppsala University

09.00

Award Läkemedelskemiska priset

Anders Karlén, Uppsala University

09.15

Award lecture Läkemedelskemiska Priset

To be announced.

10.00

Coffee break – Poster session

10.45

Short presentations selected from abstracts

Substrate-Derived Sortase A Inhibitors: Targeting Antimicrobial Resistance

Jordi Hintzen, University of Gothenburg

11.00

Design, Synthesis and Evaluation of novel macrocyclic peptidomimetics targeting the insulin-regulated aminopeptidase (IRAP)

Esther Olaniran Håkansson, Uppsala University

11.15

Optimization of the N Piperidinyl Benzimidazolone Derivatives as Potent and Selective Inhibitors of 8 Oxo Guanine DNA Glycosylase 1

Zuzanna Szaruga, Karolinska Institutet, SciLifeLab

11.30

In vivo assembly of bioresorbable organic bioelectronics as a therapeutic modality

Roger Olsson, Lund University

12.00 – 13.30

Lunch

Chair: Peter Sjö, Drugs for Neglected Diseases initiative (DNDi)

13.30

Late Stage Chemical Process Development and Setting Efficient Control Strategies

Hanna Cotton, Novo Nordisk

14.00

Development and Mechanism of the MTHFD1/2 Inhibitor TH9619

Martin Henriksson, One-Carbon Therapeutics

14.30

Coffee break

15.00

Modulating Gene Expression with Small Molecules

Erik Chorell, Umeå University

15.30

Poster award

15.45 – 16.00

Concluding remarks – End of Meeting

Sponsors









