

# 3<sup>rd</sup> Swedish Medicinal Chemistry Symposium

April 27-28, 2022, Stockholm, Sweden

## Program

### Wednesday, April 27

**09.15** Registration with coffee and sandwich

**09.45** Opening remarks – House keeping

**Chair:** *Peter Sjö*, DNDi

**10.00** **Virtual screening of ultra-large chemical libraries for coronavirus inhibitors**

*Jens Carlsson*, Uppsala University

**10.30** **Development of phosphorous-based metallo-beta-lactamase inhibitors**

*Mate Erdelyi*, Uppsala University

**11.00** **Turning the tide: New antibacterials resensitizing antibiotic resistant bacteria**

*Jörgen Johansson*, QureTech Bio

**11.30** **Glycopeptide Precision Tools to Explore Bacteria Lectin Interactions**

*Ulrika Westerlind*, Umeå University

**12.00** Lunch

**Chair:** *Lena Ripa*, AstraZeneca

**13.00** **How innovative chemistry can accelerated drug discovery**

*Stefan Schiesser*, AstraZeneca

**13.30** **Fluorescent base analogues in nucleic acid research**

*Marcus Wilhelmsson*, Chalmers University of Technology

**14.00** **Development of lipid droplet-specific fluorophores for cancer cell imaging**

*Christine Dyrager*, Uppsala University

**14.30** Coffee break – Poster session

**15.30** **Photoresponsive Kinase Inhibitors**

*Morten Grötli*, University of Gothenburg

**16.00** **Cryo electron microscopy as a toolkit for cell and molecular visualisation**

*Linda Sandblad*, Umeå University

**16.30** **How to increase probability of success in drug discovery projects?**

– **Reflections and examples from a chemist**

*Johan Evenäs*, Red Glead Discovery

**17.00** **2-minutes poster flash presentations**

**17.30-** Cocktails – Poster session

**19.00**

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### Thursday, April 28

**08.45** House keeping

**Chair:** *Ulf Nilsson, Lund University*

**09.00** Medicinal Chemistry Award/ Läkemedelskemiska priset  
*Anders Karlén, Uppsala University*

**09.15** Award laureat lecture

**10.00** Coffee break

**10.30** Catalysis for late-stage functionalization  
*Belen Martin-Matute, Stockholm University*

**11.00** Sustainability in medicinal chemistry  
*Johan Wennerberg, Red Glead Discovery*

**11.30** Discovery of new orally available galectin inhibitors – galectin 3 and beyond  
*Kristoffer Peterson, Galecto Biotech*

**12.00** Lunch

**Chair:** *Katarina Färnegårdh, Oncopeptides*

**13.00** Emerging insight into PROTAC cell permeability  
*Jan Kihlberg, Uppsala University*

**13.30** Principles and Applications of Small Molecule Activation of 8-oxo Guanine DNA Glycosylase 1  
*Maurice Michel, Karolinska Institutet*

**14.00** Coffee break – Poster session

**14.20** Discovery and optimization of novel macrocyclic Keap1 inhibitors  
*Fabio Begnini, Aarhus University*

**14.50** Discovery of selective MALT1 inhibitors for T- and B-cell dependent autoimmunity  
*Rhona Cox, AstraZeneca*

**15.20** Poster award

**15.30-** Concluding remarks – End of Meeting  
**15.45**