



The Scheele Symposium 2023

Adventures in chemical biology
– basic science translating into patients

November 9 in Stockholm

Professor Peter G. Schultz



Program

- 09.00 Registration
- 09.30 **Welcome**
Torkel Gren, Chairman, Swedish Pharmaceutical Society
- 09.45 **Introduction**
Moderator *Thomas Lundbäck*, AstraZeneca
- 10.05 **Identification of bacterial toxin protein targets during intracellular infection via co-substrate-mediated covalent capture**
Christian Hedberg, Umeå University
- 10.30 Break
- 11.00 **Expanding the chemical biology toolbox for mammalian cells**
Simon Elsässer, Karolinska Institutet
- 11.25 **PNA-pretargeted affibody-based radionuclide therapy**
Amelie Eriksson Karlström, KTH Royal Institute of Technology
- 11.50 **The Adaptable Drug Affinity Conjugate (ADAC) technology, towards precision immunotherapy**
Sara Mangsbo, Uppsala University
- 12.15 Lunch & Networking
- 13.45 **Affibody Protein Tweezers: IL-17 AA Capture and Clinical Translation**
Fredrik Frejd, Affibody, Uppsala University
- 14.10 **iPS cells for disease modelling and cell therapy**
Anna Falk, Lund University
- 14.35 **Applying AI to drug design**
Ola Engkvist, AstraZeneca, Chalmers University of Technology
- 15.00 Break
- 15.30 **Scheele award lecture : An Expanding Genetic Code**
Peter G. Schultz, The Scripps Research Institute, USA
- 16.00 **Scheele award ceremony**
Torkel Gren, Chairman, Swedish Pharmaceutical Society
Mats Persson, Minister for education, Sweden
Robert Kronqvist, CEO, Swedish Pharmaceutical Society
- 16.15 **Panel discussions**
Translating basic science into patients - Academic and Industry perspectives
- 17.00 End



Thomas Lundbäck



Sara Mangsbo



Christian Hedberg



Fredrik Frejd



Simon Elsässer



Anna Falk



*Amelie Eriksson
Karlström*



Ola Engkvist