



# The Scheele Symposium 2023

Adventures in chemical biology  
– basic science translating into patients

November 9 in Stockholm

Professor Peter G. Schultz



## Preliminary Program

- 09.00 Registration
- 09.30 **Welcome**  
*Törkel 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**  
*Peter G. Schultz*, The Scripps Research Institute, USA
- 16.00 **Scheele award ceremony**  
*Törkel Gren*, Chairman, Swedish Pharmaceutical Society  
*Mats Persson*, Minister for education, Sweden
- 16.15 **Panel debate/discussions**
- 17.00 End



*Thomas Lundbäck*



*Sara Mangsbo*



*Christian Hedberg*



*Fredrik Frejd*



*Simon Elsässer*



*Anna Falk*



*Amelie Eriksson  
Karlström*



*Ola Engkvist*