Apotekarsocieteten
Swedish Pharmaceutical Society

April 20-21, 2027
In Gothenburg

Characterization and quality control of pharmaceutical oligonucleotides

Preliminary Program April 20

11.00 *Registration & light lunch*

Chair: TBD

12.00 **Welcome**
Douglas Westerlund, Uppsala University, SE

12.15 **Chemical Structures and Properties of Pharmaceutical Oligonucleotides**
Anders Dahlén, AstraZeneca, SE

12.45 **TBD**
Torgny Fornstedt, Karlstad University, SE

13.15 **TBD**
Martin Enmark, Bio-Works, SE

13.45 **Redefining Selectivity in Oligonucleotide IP-RPLC: From Weak-to-Strong Ion-Pair Gradients to Multivariable Co-Gradients**
Szabolcs Fekete, Waters, CH

14.15 Poster session and intermission

Chair: TBD

15.15 **Can HILIC become a routine technique for analysing therapeutic oligonucleotides? Analytical challenges and solutions.**
Sylwia Studzinska, Nicolaus Copernicus University in Torun, PL

15.45 **Ion-pairing HILIC: adding essential selectivity to the separation of therapeutic oligonucleotides**
Luca Tutis, Free University, NL

16.15 **TBD**
Cari Sänger van de Griend, Kantisto, NL

16.45-17.15 **Recent Advances in Capillary Gel Electrophoresis Separation of Oligonucleotides**
Andras Guttman, University of Debrecen, HU

19.00 Dinner

Preliminary Program April 21

Chair: *TBD*

09.00 **Gel-Free Capillary Zone Electrophoresis at Acidic pH for Oligonucleotide Analysis – Challenging Old Assumptions**
Jakob Haglöf, Uppsala University, SE

09.30 **Charge Matters: Anion Exchange Chromatography as an Orthogonal Tool for Oligonucleotide Purity and Higher-Order Structure**
Arnauld Delobel, Quality Assistance SA, BE

10.00 **TBD**
Tomas Leek, AstraZeneca SE

10.30 Poster session and intermission

Chair: *TBD*

11.15 **Analytical Characterization and Quality Control of Therapeutic Oligonucleotides: From Clinical Development to Regulatory Control Strategy**
Daniela Balas, AstraZeneca, SE

11.45 **General discussion on the future development for characterization of oligonucleotides**
Participants: All lecturers and a chairman.

12.30 Farwell & lunch to go