

Program NPP Winter Meeting // 17th January 2025 // In De Driehoek, Utrecht

'Hight-throughput and robustness in proteomics'

9.00 - 9.30

REGISTRATION & COFFEE

9.30 - 9.45

Welcome & announcements // steering committee NPP

9.45 - 10.30

Keynote speaker

Prof. Dr. Mario van der Stelt (Leiden Institute of Chemistry, Leiden University):

Chemical proteomics: advancing drug discovery

10.30 - 10.50

Dr. Roza Opperman (AUMC): Human protein biomarkers outperform bacterial proteins in colorectal neoplasia detection: Insights from metaproteomics and 16S rRNA profiling.

10.50 - 11.10

Dr. Eva Smit (Sanquin Research): Shedding new light on neonatal development; clinical insights through serum proteomics.

11.10 - 11.30

Dr. Maurine Fucito (Evosep): A complete and automated end-to-end sample preparation strategy for standardized proteomics. *(talk made possible by our sponsor Evosep)*

11.30 - 12.00

5 min vendor pitches

12.00 - 13.00

LUNCH

13.00 - 13.20

Shelley Jager (Utrecht University): Narrow window data-independent acquisition on the Orbitrap Astral for fast and deep coverage of the plasma N-glycoproteome.

13.20 - 13.40

Dr. David Tabb (University of Groningen): Meta-analysis of *C. elegans* bulk proteomes and single-worm proteomes.

13.40 - 14.00

Inge de Krijger (Radboud University): Uncovering enhancer dynamics in B-cell to macrophage transdifferentiation using proximity biotinylation.

14.00 - 14.20

Tatiana Shamorkina (Utrecht University): Benefits of EAD and EACID on a ZenoTOF for long-read peptide sequencing *(talk made possible by our sponsor Sciex)*

14.20 - 14.40

Dr. Paul Hensbergen (LUMC): Unraveling the biosynthetic pathway of a unique flagellar glycan in *Clostridioides difficile*.

14.40 - 15.15

TEA BREAK

15.15 - 15.35

Dr. Karin Wolters (University of Groningen): The use of proteomics on extracellular vesicles to study COPD/Asthma.

15.35 - 15.55

Tirsa van Duijl (Sanquin Research): Delineation of hemostatic disease: the power of multi-proteo(gen)omics

15.55 - 16.40

Keynote speaker

Prof. Dr. Stefan Tenzer (Institute of Immunology, Mainz University, Germany)

Title: Comprehensive (Phospho)-Proteome Analysis using midia-PASEF.

16.40 - 17.45

DRINKS & BITES

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