



Program NPP winter meeting, 19 January 2024, De Driehoek, Utrecht

Protein dynamics in time and space



9.00 - 9.30

Registration and coffee

9.30 - 9.45

Welcome + announcements [Steering committee NPP](#)

9.45 - 10.30

Key note speaker: Prof. Dr. Kathryn Lilley, Cambridge, UK

The orchestration of the transcription and proteome during dynamic subcellular processes

10.30 - 10.50

The proteomic landscape of input-specific hippocampal engram synaptic subpopulation.

Biswajit Moharana, VUMC neuroproteomics

10.50 - 11.10

Extracellular Vesicles as a source of biomarkers and drug targets in CRC.

Madalena Nunes Monteiro, VUMC oncoproteomics

11.10 - 11.30

Locus-specific proteome decoding identified new chromatin-associated regulator of RNA polymerase III

Marlize van Bruegel, NKI

11.30 - 11.50

Location, location, location: optimization of the assessment of subcellular protein localization in *Arabidopsis thaliana* by mass-spectrometry

Monique van Schie, Wageningen University Research

11.50 - 12.00

5 min vendor pitches

12.00 - 13.00

LUNCH

13.00 - 13.20

A perspective on the discovery of tumour-associated T cell antigens with mass spectrometry.

Nicola Ternette, Utrecht University

13.20 - 13.40

Proteomic diversity of circulating immune cells: a reference for health and disease.

Arjan Hoogendijk, Sanquin Research

13.40 - 14.00

Proximity-dependent labelling reveals that the general co-receptor SOBIR1 functionally connects the receptor-like protein Cf-4 with the cytoplasmic immune signalling machinery.

Sergio Landeo Villanueva, Wageningen University Research

14.00 - 14.20

Dynamic Interactomes of Transcription-Coupled Nucleotide Excision Repair.

Diana Llerena Schiffmacher, Erasmus MC & Radboud UMC

14.20 - 14.40

SUMO-activated target traps (SATTs) enable the identification of a comprehensive E3-specific SUMO proteome.

Daniel Salas Lloret, Leiden UMC

14.40 - 15.15

TEA / COFFEE break

15.15 - 15.35

TDAuditor: quality assessment for top-down proteomes.

David Tabb, UMCG

15.35 - 15.55

Profiling the proteome-wide selectivity of diverse electrophiles.

Stephen Hacker, Leiden University

15.55 - 16.15

De novo sequencing of antibodies, diving into mass coincidence errors

Douwe Schulte, Utrecht University

16.15 - 17.00

Key note speaker: Prof. Dr. Bernhard Kuster, Munich, Germany

Understanding how drugs work using chemical proteomics

17.00 - 18.00

DRINKS

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