

Program NPP winter meeting, 20 January 2023, De Driehoek, Utrecht

Pushing the boundaries of mass spectrometry-based proteomics in health and disease



9.00 - 9.30

----- Registration and coffee -----

9.30 - 9.45

Welcome + announcements [Steering committee NPP](#)

9.45 - 10.30

Computational phosphoproteomics for the analysis of cancer cell signaling (Pedro Cutillas; Londen, UK)

10.30 - 10.50

Coagulation-derived proteolytic signatures in plasma identified by peptidomics (Jessica del Castillo Alferez; Sanquin, Amsterdam)

10.50 - 11.10

The Cancer Proteome Atlas, a large-scale pan-cancer proteome landscape generated by DIA-MS (Franziska Botger; Amsterdam UMC)

11.10 - 11.30

Protein lipidation (Samiksha Sardana; Utrecht)

11.30 - 12.00

Bacterial microcompartments in *Propionibacterium freudenreichii*: proteinaceous organelles encapsulating metabolic pathways (Alexander Dank, Wageningen)

12.00 - 13.00

-----LUNCH

13.00 - 13.10

5 min vendor pitches Thermo, Bruker, Cell Signaling

13.15 - 13.35

Single cell glycoproteomics (Guinevere Langeveen-Kammeijer; Groningen)

13.35 - 13.55

Native LC and MS toolbox to reveal proteoform complexity of alpha-1-acid glycoprotein (Guusje van Schaick; Leiden UMC)

13.55 - 14.15

Affinity-based proteomics using phosphanate handles (Wouter van Bergen; Utrecht)

14.15 - 14.35

Identifying novel transcription regulators using affinity purification coupled to quantitative mass spectrometry (Cathrin Graewe; Nijmegen)

14.35 - 14.55

Factor XI unravelled: use of mass spectrometry to study protein interactions of factor XI (Awital Bar Barroeta; Sanquin, Amsterdam)

15.00 - 15.30

----- TEA / COFFEE break -----

15.30 - 15.50

Allergy and the human milk proteome: explorations with univariate, multivariate and network analysis (Pieter Dekker, Wageningen)

15.50 - 16.10

STPP-UP: A new method for drug target identification using protein thermal stability (Dick Zijlmans; Nijmegen)

16.10 - 16.30

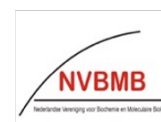
Ubiquitin-mediated DDR regulation and time-resolved interactomes of transcription-coupled NER (Alex Pines, Rotterdam)

16.30 - 17.15

Single cell proteomics: ready for your systems biology toolkit? (Erwin Schoof; Lyngby, Denmark)

17.15 - 18.00

----- DRINKS -----



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