



Program NPP spring meeting, 24 mei 2022, De Driehoek, Utrecht

Dutch Proteomics Road Show: Highlights from the institutes



9.00 - 9.30

9.30 - 9.45

Rotterdam

9.45 - 10.00

10.00 - 10.15

Utrecht

10.20 - 10.35

10.35 - 10.50

10.50 - 11.20

Leiden

11.25 - 11.40

11.40 - 11.55

11.55 - 13.15

Groningen

13.15 - 13.45

Nijmegen

13.45 - 14.00

13.00 - 14.15

Amsterdam I

14.20 - 14.30

14.30 - 14.40

14.40 - 14.50

14.55 - 15.10

15.10 - 15.40

Amsterdam II

15.40 - 15.55

16.00 - 16.15

16.15 - 16.30

16.35 - 16.50

16.50 - 17.05

Wageningen

17.05 - 17.15

17.15 - 18.00

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

Welcome + announcements [Connie Jimenez](#), on behalf of steering committee NPP

USP7 regulates the ncPRC1 Polycomb axis to stimulate genomic H2AK119ub1 deposition uncoupled from H3K27me3 ([Joyce Wolf-van der Meer](#), [EMC](#))

Immunoepitidomics ([Amy Kessler](#), [EMC](#))

Combining cross-linking mass spectrometry and complexome profiling for the analysis of mitochondrial protein complexes ([Johannes Hevler](#), [UU](#))

De novo sequencing of serum antibodies by multitier mass spectrometry approaches ([Sem Tamara](#), [UU](#))

Single Cell Proteomics on 3D cultures ([Charlotte van Gelder](#), [UMCU](#)) 5

Strategies for quantitative proteomics analysis of closely-related cells from quantity-limited samples ([Kyra van der Pan](#), [LUMC](#))

Quantitative proteomics to uncover protease function in *Clostridioides difficile* ([Bart Claushuis](#), [LUMC](#))

-----LUNCH + 5 min vendor pitches Thermo, Bruker, Cell Signaling (from 13.00) -----

Integration of targeted proteomics results to study age-related susceptibility to insulin ([Karin Wolters](#), [RUG](#))

Secretomics in the context of CRC and the next step for BONCAT ([Jelmer Dijkstra](#), [RU](#))

Deciphering lineage specification during early embryogenesis using multi-layered proteomics ([Suzan Stelloo](#), [RU](#))

Proteomic profiling of platelet disorders ([Arjan Hoogendijk](#), [Sanquin](#))

Multi-omic delineation of cytokine induced endothelial inflammatory states ([Stijn Groten](#), [Sanquin](#))

Plasma proteomics: Towards a bio-screen for health and disease ([Iris Kreft](#), [Sanquin](#))

Following the dynamics of fibroblast growth factor receptor signaling using a targeted kinome assay ([Tim Veth](#), [UU](#))

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

About detyrosination and ubiquitination: proteomics complementing genetic screens ([Onno Bleijerveld](#), [NKI](#))

Proteomics dissection of Alzheimer's disease pathology; from tissue to single cell type ([David Hondius](#), [VU](#))

Toward high through-put neuroproteomics with an Evosep-TimsTof Pro2 mass spectrometer ([Remco Klaassen](#), [VU](#))

INKA for kinase activity analysis in cancer ([Sander Piersma](#), [AmsUMC](#))

Cancer phosphoproteomics for selection of therapy ([Andrea Valles](#), [AmsUMC](#))

Bacterial proteome adaptation during fermentation in protein-rich dairy ([Berdien van Olst](#))

----- DRINKS -----



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