

Fall Meeting of the Netherlands Proteomics Platform

22nd January 2018

Congrescentrum 'In De Driehoek' (www.indedriehoek.nl | near Utrecht CS)
Willemsplantsoen 1c
3511 LA Utrecht

To register, please send an email to NetherlandsProteomicsPlatform@gmail.com

Program theme: 'Modified proteins and protein variants in health and disease'

09.00 - 09.30 REGISTRATION & COFFEE

09.30 - 09.35 Welcome

Jeroen Demmers (NPP steering committee | Erasmus University Medical Center, Rotterdam)

09.35 - 10.30 **KEY NOTE LECTURE | MS-based immunopeptidomics - accelerating the development of cancer immunotherapy**

Michal Bassani-Sternberg (Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne)

10.30 - 11.00 Proteogenomic analysis of alternative splicing in cancer

Gosia Komor (NKI & VU University Medical Center, Amsterdam)

11.00 - 11.30 Monitoring the ubiquitinome upon malfunctioning of the proteasome

Lennart van der Wal (Erasmus University Medical Center, Rotterdam)

11.30 - 12.00 Proteogenomics data integration to reveal the molecular mechanism of COPD

Peter Horvatovich or Victor Guryev (University of Groningen, Groningen)

12.00 - 13.30 LUNCH | 5-minute vendor pitches starting at 13.00 h

13.30 - 14.00 TBA (PTMs)

Leonie Kollenstart (Leiden University Medical Center, Leiden)

14.00 - 14.30 The role of protein synthesis and phosphorylation in synaptic plasticity

Charlotte van Gelder (Utrecht University, Utrecht)

14.30 - 15.00 *Open slot for selected talk*

TBA

15.00 - 15.30 TEA BREAK

15.30 - 16.00 **Data-dependent versus independent MS for comprehensive tumor proteome profiling**
Davide Chiasserini (VU University Medical Center, Amsterdam)

16.00 - 17.00 **KEY NOTE LECTURE | A proteomic view on cellular signaling and chromatin regulation**
Jeroen Krijgsveld (Deutsches Krebsforschungszentrum (DKFZ), Heidelberg)

17.00 - 18.00 **CLOSURE & DRINKS**

16th Fall Meeting of the Netherlands Proteomics Platform
14 December 2016 - Auditorium
Vrije Universiteit, Amsterdam

'Next-generation proteomics applications'

9.00-9.30 Registration and coffee

9.30- 9.35 Welcome

Connie Jimenez (NPP steering committee, VUmc)

9.35- 9.45 Update EuPA

Meike de Wit (NPP representative EuPA Young Proteomics Investigator Club)

9.45-10.15 Drug Resistance Assessed by Multi-Proteomics Approaches

Simone Lemeer, UU, Utrecht

10.15-10.45 HLA-peptidomics, applications in T-cell mediated therapy

Peter van Veelen, LUMC, Leiden

KEY NOTE LECTURE

10.45-11.45 Proteogenomics of cancer

Bing Zhang, Baylor College of Medicine, Houston, Texas

11.45-13.00 LUNCH BREAK

The 14th Fall Meeting of the Netherlands Proteomics Platform

This year it will be held at the Leiden University Medical Center in Leiden on **Friday November 13th 2015**.

Registration and submission of abstracts for an oral presentation (max 300 words) can be sent to P.Hensbergen@lumc.nl. Please put 'NPP Fall Meeting' in the subject heading.

Program

9.00-9.40 Registration and coffee

9.40- 9.45 Welcome
Paul Hensbergen (NPP steering committee, LUMC)

9.45-10.10 Synaptic Proteomics using SWATHTM of Rodent versus Primate brain
Nikhil J. Pandya, Vrije University, Amsterdam

10.10-10.35 Peptide-mediated 'miniprep' isolation of extracellular vesicles is suitable for high-throughput proteomics; method evaluation and application in colon cancer
Meike de Wit, VUmc, Amsterdam

10.35-11.00 PhosphoPath: Visualization of Phosphosite-centric Dynamics in Temporal Molecular Networks
Linsey Raaijmakers, Utrecht University

11.00-11.30 Coffee/tea break

11.30-12.00 Targeting resistance to proteasome inhibitor therapy: a metabolomics approach
Celia Berkers, Utrecht University

12.00-12.30 Proteasome malfunctioning and ubiquitinome dynamics
Jeroen Demmers, ErasmusMC, Rotterdam

12.30-13.30 LUNCH

Microbial Proteomics

KEY NOTE LECTURE

13.30-14.30 Quantitative (phospho)proteomics in analysis of microbial regulatory networks
Dr. B. Macek, Director Proteome Center Tubingen, Germany

14.30-15.00 Coffee break

15.00-15.25 Rapid and strong induction of eEF2 phosphorylation during viral infection
Emmely Treffers, LUMC, Leiden

15.25-15.50 Absolute quantification of proteins in the spores of the pathogenic food spoiler *Bacillus cereus*

Sacha Stelder, University of Amsterdam

15.50-16.15 Proteomic analyses of (antibiotic resistant) clinical bacterial isolates

Frank Fleurbaaij, LUMC, Leiden

16.15-16.40 *Clostridium difficile* cell surface proteins involved in the regulation of adhesion

Hans van Leeuwen, LUMC, Leiden

16.40- Drinks

**Fall Meeting of the Netherlands Proteomics Platform
November 14, 2014**

Location: Erasmus MC Rotterdam - onderwijscentrum, Prof. Andries Queridozaal (lectures) and Espresso bar (registration, coffee, lunch, sponsors)

Program 'Implications of the draft human proteome and subproteome in health and disease'

9.00-9.40 Registration and coffee

9.40- 9.45 Welcome
Arzu Umar (NPP steering committee, Erasmus MC)

9.45-10.00 Update EuPA, HUPO
Connie Jimenez (NPP steering committee, VUmc)

KEY NOTE LECTURE

10.00-11.00 Implications of the human draft proteome in health and disease
Bernhard Kuster (Technical University Munich, Munich, Germany)

11.00-11.30 COFFEE/ TEA BREAK

11.30-12.00 Towards a comprehensive characterization of colorectal cancer-associated glycosylation changes
Stefanie Holst (Leiden University Medical Center, Leiden, The Netherlands)

12.00-12.30 A 4-protein profile predicts tamoxifen treatment outcome in recurrent ER+ breast cancer
Tommaso De Marchi (Erasmus University Medical Center, Rotterdam, The Netherlands)

12.30-13.00 Panel of regulated proteins in serum for diagnostics of cervical cancer and cervical intraepithelial neoplasias and follow-up treatment
Alexander Boichenko (University of Groningen, Groningen, The Netherlands)

13.00-14.00 LUNCH

14.00-14.30 *De Novo* discovery of phenotypic intra-tumor heterogeneity using IMS
Benjamin Balluff (Leiden University Medical Center, Leiden, The Netherlands)

14.30-15.00 Transfer of regulatory protein networks via extracellular vesicles as a possible mechanism of mediating apoptosis-resistance
A. Wojtuszkiewicz (VU University Medical Center, Amsterdam, The Netherlands)

15.00-15.30 Changes in the human hippocampal proteome during Alzheimer's disease
Saskia van der Vies (VU University Medical Center, Amsterdam, The Netherlands)

15.30-16.00 COFFEE/ TEA BREAK

KEY NOTE LECTURE

16.00-17.00 PTMs in the human brain

Martin Larsen (*University of Southern Denmark, Odense, Denmark*)

13th NPP Fall meeting

8 November 2013, VUmc, Amsterdam

Proteomics suite of applications and new developments

9.00-9.30 Registration and coffee

9.30- 9.45 Welcome, update EuPA, HUPO
Connie Jimenez (NPP steering committee, VUmc)

9.45-10.15 Next generation proteomics: an integrative transcriptome and proteome study of rat tissues from different genetic backgrounds
Teck Yew Low, Utrecht University, Utrecht

10.15-10.45 AMPA receptor interactome: Identification of true protein-protein interactions

Nikhil Pandya, Vrije Universiteit, Amsterdam

10.45-11.15 COFFEE/ TEA BREAK

11.15-11.45 Quantitative proteomics, to label or not to label?
NQ Liu, Erasmus Medical Center, Rotterdam

11.45-12.15 Disease-related N-glycoproteome of Arabidopsis infected by downy mildew

Dmitry Lapin, Plant-Microbe Interactions group, Utrecht University

12.15-12.45 Protein biomarkers for cervical cancer: from shotgun to targeted MS quantification
Alexander Boichenko, University of Groningen, Groningen

12.45-13.45 LUNCH

13.45-14.15 Label-free phosphoproteomics of cancer cells
Sander Piersma, VU University Medical Center, Amsterdam

14.15-14.45 A novel secreted metalloprotease from *Clostridium difficile* cleaves cell surface LPXTG-proteins involved in adhesion

Paul Hensbergen, LUMC, Leiden

KEY NOTE LECTURE

14.45-15.45 New developments in targeted mass spectrometry: from MRM to PRM and SWATH to antibody-based analyses

Jan van Oostrum, CRP-Santé and Luxembourg University, Luxembourg

KEY NOTE LECTURE

15.45-16.45 Proteogenomic analysis of TCGA colorectal carcinomas

Robbert Slebos, Vanderbilt University, Nashville, USA

16.45-18.00 DRINKS

To register, please send an email to Dr. Connie Jimenez: c.jimenez@vumc.nl

Fall Meeting Netherlands Proteomics Platform

30 Nov. 2012, De Rijn, VU University Medical Center, Amsterdam

To register, send an email to c.jimenez@vumc.nl

Program

'Current state-of-the-art of Proteomics in the Netherlands'

9.00-9.30 *Registration and coffee*

9.30- 9.45 Welcome, update EuPA, HUPO
Connie Jimenez (NPP steering committee, VUmc)

9.45-10.00 Update on the HUPO chromosome project
Peter Horvatovich, University of Groningen, Groningen

10.00-10.30 Lung cancer proteomics
Tieneke Schaij-Visser, VU University Medical Center, Amsterdam

10.30-11.00 A proteomic approach to study proteasome dysfunctioning
Karin Sap, Erasmus Medical Center, Rotterdam

11.00-11.30 **COFFEE/ TEA BREAK**

11.30-12.00 Labeled and unlabeled approaches in cardiovascular proteomics
Arjen Scholten, Utrecht University, Utrecht

12.00-12.30 Identification of a prognostic protein profile for triple negative breast cancer
Arzu Umar, Erasmus Medical Center, Rotterdam

12.30-13.00 Targeted proteomics in energy metabolism and ageing
Karin Wolters, University of Groningen, Groningen

13.00-13.30 **LUNCH**

13.30-14.00 Mass Spectrometry and Molecular Phylogenetics
Magnus Palmblad, Leiden University Medical Center, Leiden

14.00-14.30 Frog skin secretion peptidomics
Martijn Pinkse, Delft

15.00-15.30 **COFFEE/ TEA BREAK**

15.30-16.00 Quantitative mass spectrometry-based proteomics for epigenetics
Michiel Vermeulen, University Medical Center Utrecht, Utrecht

KEY NOTE LECTURE

16.00-17.00 New developments in bioinformatics for mass spectrometry-based proteomics
Eric Deutsch, Institute for Systems Biology, Seattle, USA

17.00-18.00 **DRINKS**

28 okt. 2011, Utrecht, joint Fall meeting Netherlands Proteomics Platform and NVBMB

Oct 15, 2010, Fall Meeting Netherlands Proteomics Platform
Topic Targeted proteomics using multiple reaction monitoring

Oct 15, 2010, Fall Meeting Netherlands Proteomics Platform

Topic Targeted proteomics using multiple reaction monitoring. [Program](#)

Location: Uithof in Utrecht. [Routedescription](#)

Slots open for orals (all topics)!

To attend or present, please send an email to Dr. Monique Slijper (m.slijper@uu.nl)

NPP Voorjaarsmeting, 11 april 2008, VUMC Amsterdam,

Lecture Hall De Maas Morning Workshop 'Mining of proteomics data: From discovery towards biological insight' Contributions on Bioinformatics tools including Cytoscape and Ingenuity. Please sign up by sending an email to c.jimenez@vumc.nl

NB In the afternoon of April 11 there is a separate proteomics symposium hosted by VUmc and Applied Biosystems: please see <http://www.proteomics.nl/frs1/links.html>

Programme [download programme](#)

09.30-10.30 Registration and coffee

10.30-10.35 Welcome
Connie Jimenez (NPP steering committee)

10.35-11.00 Overview strategies for mining proteomics data
Connie Jimenez, OncoProteomics Laboratory, VUmc

11.00-12.00 Building Disease Models from Transcriptomic, Proteomic and Metabolomic Data-
Ingenuity demo
Adam Corner, Ingenuity Systems

12.00-13.00 LUNCH

13.00-14.00 'Pathway analysis in cancer'- Cytoscape demo
Rogier Versteeg, AMC

Amsterdam NPP Workshop End

14.00-17.00 Mini-symposium 'From Discovery through Validation towards Biological Insight' co-organized by VUmc & Applied Biosystems (see www.oncoproteomics.nl for program)

Meetings organized by the proteomics platform

'Pushing the Limits of detection in Proteomics'

Friday Nov 30, 9.00-17.30

VU University Medical Center, Amsterdam

The program will be a combination of oral presentations of our Platform members, complemented with two keynote lecturers. [download programme](#)

PRESENTATION: If you also would like to present your results in an oral presentation, please send an abstract by reply mail ASAP (not later than Nov9). Unfortunately there will be no space for posters.

REGISTRATION: Please register before november 20 by reply mail and include your contact details. As for the registration fee, this will be at maximum Eur 20,- We request that you are (or become) a member of the NVBMB, our mother society <http://www.kncv.nl/nvbmb> .

Programma Voorjaarsbijeenkomst KNCV, 19 april de Reehorst, Ede

Sessie NPP Comparison of software tools for label-free LC-MS quantitation

9.00-12.00

- 9.30-10.00 Twan America (PRI, Wageningen): Introduction comparative LC-MS
- 10.00-10.20 Wilfried Voorhorst (Thermo Scientific): SIEVE
- 10.20-10.40 Hans Vissers (Waters): ProteinLynx Global Server
- 10.40-11.00 Axel Parbel (GE Healthcare): DeCyderMS
- 11.00-11.20 Marius Codrea (VU, Amsterdam): MZMine+ home-made alignment algorithm
- 11.20-11.40 Thang Pham (VUmc, Amsterdam): MSInspect & PEPPER
- 11.40-12.00 General discussion

Plenaire sessie NPP/NVBMB Proteomics: overview and current status

14.30-16.45

- 14.30-15.00 Monique Slijper (Utrecht University): Differential proteome analysis
- 15.00-15.30 Prof. A.M. Deelder (LUMC, Leiden): Clinical proteomics
- 15.30-16.00 Alain van Gool (Organon, Oss): Proteomics in Pharmaceutical Industry
- 16.00-16.30 Gerco Angenent (PRI, Wageningen): Protein-protein complexes
- 16.30-16.45 Discussion

13 Oct. 2006, LUMC, Leiden:

Fall meeting 2006 of the Netherlands Proteomics Platform
Hot topics in proteomics: quantification and phosphorylation

[Programme](#)

5 Oct. 2005:

Fall meeting 2005 of the Netherlands Proteomics Platform [programme](#)

4 Oct. 2004:

Fall Meeting Netherlands Proteomics Platform, Biomarker Discovery in the post-genome era, [program & abstracts posters](#)

15 Apr. 2004:

Data-mining, KNCV Verenigingendag, Reehorst, Ede, [program](#)

1 Oct. 2003:

Phosphoproteomics & Novel developments in proteomics technology, [Reehorst](#), Ede, [program & abstracts posters](#)

[15 Nov. 2002, From classical to innovative proteomics](#) Uithof, Utrecht

[15 Apr. 2002](#), workshop 'the Ins and Outs of 2D-Image Analysis', Plant Research Int., Wageningen

[12 Okt. 2001](#), symposium 'Proteomics in Practice, Universiteit van Leiden

[8 Feb. 2001](#) kick-off meeting, Vrije Universiteit, Amsterdam. See [abstracts](#) of proteome research in the Netherlands