



Targeted mass spectrometry using multiple reaction monitoring

Fall meeting of the Netherlands Proteomics Platform

October 15th, 2010

Utrecht University, Ruppert Zaal Blauw, Leuvenlaan 19, Utrecht

Program

9.00 Registration and coffee

Open session: current issues in proteomics

9.25 **Monique Slijper:** Welcome and Introduction

9.30 **Farhad Rezaee** (University of Groningen, the Netherlands)

Adipocyte-associated immune components are biologically functional

10.00 **Meike de Wit** (Oncoproteomics Laboratory, VUMC, Amsterdam)

Cell surface proteomics identifies prion protein as a candidate biomarker for colorectal adenoma-to-carcinoma progression

10.30 Coffee break

11.00 **Thang Pham** (Oncoproteomics Laboratory, VUMC, Amsterdam)

Strategies for analyzing spectral count data in label-free tandem mass spectrometry-based proteomics

SRM-MS session

11.30 **Christina Ludwig** (*Institute of Molecular Systems Biology, ETH Zurich, Switzerland*)

Selected Reaction Monitoring - an emerging technology in the field of proteomics

12.30 Lunch

13.30 **Maarten Altelaar** (Biomolecular Mass spectrometry and Proteomics Group, Utrecht University, Utrecht)

Peptide fragmentation in proteomics; from discovery to targeted analysis

14.00 **Karl Mechtler** (Research Institute of Molecular Pathology, University of Vienna, Vienna, Austria)

Stoichiometry determination of protein complexes by SRM-MS

14.45 **Hasmik Keshishian** (Broad Institute of MIT and Harvard, Cambridge, USA)

Verification of Candidate Biomarkers by Stable Isotope Dilution Mass Spectrometry