



Human Proteome Organization

New Technologies and Standardization in Proteomics Symposium at HUPO 2013

As in past years the HUPO New Technologies and Standardization Committee has created a program in conjunction with the Annual World Congress. At HUPO 2013 in Yokohama the program will be featured in two sessions (Sunday evening and Tuesday evening). Each evening session will also feature industry presentations from member companies of the HUPO Industrial Advisory Board (IAB.)

The Sunday and Tuesday evening sessions will take place in the Exhibition Hall informal presentation area. This unique setting will be informal and encourage active discussion. All congress attendees are welcome to attend these sessions.

Sunday, September 15, 6:00 - 8:30 pm

STANDARDIZATION IN PROTEOMICS AND INDUSTRY PRESENTATIONS - PART I

Exhibition Hall

Snacks will be served.

- 6:00 - 6:15 pm **EU Initiatives on Standardization and Quality Control;** Juan Pablo Albar, *Centro Nacional de Biotecnologia*
- 6:15 - 6:30 pm **Standards and Quality Control in CPTAC;** Christopher Kinsinger, *National Cancer Institute*
- 6:30 - 6:45 pm **Proteomicum;** Christoph Borchers, *University of Victoria*, and Bruno Domon, *Luxembourg Clinical Proteomics*
- 6:45 - 7:15 pm **Proteome Analyzer**
- 7:15 - 7:30 pm **Generation of High-Affinity Recombinant Antibodies for Application in Immuno-MRM**
Christian Frisch, *Bio-Rad Laboratories*
This presentation is sponsored by **Bio-Rad Laboratories**
- 7:30 - 7:45 pm **SILAM Methods and Applications in the Mouse Model**
Yetrib Hathout, *Children's National Medical Center*
This presentation is sponsored by **Cambridge Isotope Laboratories**
- 7:45 - 8:00 pm **Building High Quality Spectral Libraries for Improved Targeted Assays**
Barbara Frewen, *Thermo Scientific*
This presentation is sponsored by **Thermo Scientific**
- 8:00 - 8:15 pm **New LC/MS Data Acquisition and Processing Strategies for Quantitative Proteomics**
Jason Neo, *AB SCIEX*
This presentation is sponsored by **AB SCIEX**
- 8:15 - 8:30 pm **A Unique Workflow for High-Sensitivity Targeted Quantification; Ion Mobility Enabled High-Resolution**
Lee Gethings, *Waters Corporation*
This presentation is sponsored by **Waters Corporation**

Tuesday, September 17, 7:00 - 9:00 pm

NEW TECHNOLOGIES IN PROTEOMICS AND INDUSTRY PRESENTATIONS - PART II

Exhibition Hall

Snacks will be served.

- 7:00 - 7:15 pm **High-Sensitivity Native Mass Analysis of Intact Macromolecular Assemblies and Protein Micro-Heterogeneity Using an Orbitrap Jumbo;** Albert Heck, *Utrecht University*
- 7:15 - 7:30 pm **Accelerating FTMS-Based Proteomics by Advanced Signal Processing;** Yury Tsybin, *Ecole polytechnique fédérale de Lausanne*
- 7:30 - 7:45 pm **Measured Long-Lived Proteins;** John Yates, *The Scripps Research Institute*
- 7:45 - 8:00 pm **A Novel Phosphopeptide Standard to Evaluate Data Interpretation in a Realistic Phosphoproteomic Environment;** Albert Sickmann, *Leibniz-Institut für Analytische Wissenschaften*
- 8:00 - 8:15 pm **Analysis of Glycan Structures on Glycoproteins for Finding Cancer Biomarkers;** Miyako Nakano, *Hiroshima University*
- 8:15 - 8:30 pm **Directing Proteomics Experiments Using Metabolomics-based Pathway Results**
Christine Miller, *Agilent Technologies*
This presentation is sponsored by **Agilent Technologies**
- 8:30 - 8:45 pm **Enhanced nano-ESI MS Sensitivity for Top-Down and Bottom-Up Proteomics**
Pierre-Olivier Schmidt, *Bruker Daltonics*
This presentation is sponsored by **Bruker Daltonics**
- 8:45 - 9:00 pm **LC-MS Identification of Proteins in Tumor Digests Using Stable-Isotope-Labeled Peptide Libraries**
Reid Townsend, *Washington University in St. Louis - School of Medicine*
This presentation is sponsored by **New England Peptide**