

Seminar and Practical Course on Phospho- Proteomics

(13-14 October, 2008 IMP, Vienna)

Monday 13 October 2008

9:45 **Welcome** (Karl Mechtler, IMP Vienna; Claudio Umile, Dionex Austria)

State-of-the-art in phosphoproteomics

(Albert Sickmann, University of Würzburg)

Novel computational techniques for the quantification of mass spectrometry based proteomics

(Lukas N. Müller, ETH Zürich)

Afternoon Practical workshop

Phosphopeptide enrichment of Protein-complexes with

TiO₂/ZrO₂ (Michael Mazanek, IMP Vienna)

Label free quantification with SuperHirn (laptop required!)

(Lukas N. Müller, ETH Zürich)

HPLC troubleshooting (Goran Mitulovic, IMP Vienna)

17:00 Vienna sight seeing tour with oldtimertram

Dinner at traditional Viennese Heurigen

Tuesday 14 October 2008

9:15 **Analysis of multiphosphorylated peptides with**

Maldi TOF/TOF

(Andreas Schmidt, Christian Doppler Labor of Proteomics, Vienna)

Analysis of the Yeast Protein Kinase - Substrate Networks by Quantitative Phosphoproteomics

(Bernd Bodenmiller, ETH Zürich)

Discover Dionex Proteomics Workflows

(Remco Swart, Dionex Amsterdam)

ERLIC: New Chromatographic Dimension for Specific

Separation of Phosphorylated Peptides

(Goran Mitulovic, IMP Vienna)

Protein modifications in chromatin

(Axel Immhof, Ludwig-Maximilians-Universität (LMU) München)

Phosphoproteomics of MAP kinase signaling

(Lukas Huber, Med. Univ. Innsbruck)

Contact

Please contact Karl Mechtler (mechtler@imp.univie.ac.at) if you wish to participate in the workshop.

