



Affinity-MS Workshop – Sunday, March 10th 2013

“Biomedical Applications of Affinity-MS Methods”

In this workshop new developments and applications of Affinity-MS methods in bioanalytical and medical fields will be demonstrated. New tools of mass spectrometry for characterization of structure and interactions, and quantitative determination of proteins, and molecular diagnosis of diseases will be presented and discussed by proteome scientists, clinical chemists, and mass spectrometry experts.

We look forward to welcome you at the DGMS conference in Berlin !

on behalf of the “Fachgruppe Affinity- Mass Spectrometry”
Michael O. Glocker and Michael Przybylski

Program

- 14:00 **Start of Workshop**
- 14:00 Michael O. Glocker, Proteome Center Rostock, Germany
Welcome and Introduction
- 14:15 Christoph Borchers, University of Victoria, Victoria, Canada
"immunoMALDI (iMALDI) based plasma renin activity assay for determining secondary hypertension in clinical use"
- 15:00 Detlev Suckau, Bruker Daltonik GmbH, Bremen, Germany
SPRi-MALDI Interaction Analysis in the Array Format, First Tiny Steps - and a Bright Future
- 15:30 Coffee break
- 15:50 Marcus Bantscheff, Cellzome (GSK), Heidelberg, Germany
Chemoproteomic Approaches to Drug Target Identification and Drug Profiling
- 16:20 Oliver Poetz, NMI Reutlingen (University of Tübingen), Germany
Triple X Proteomics – Generic Reagents for Peptide Affinity Capture
- 16:50 Michael Przybylski, University of Konstanz, Konstanz, Germany
Structure Identification and Quantification of Biomolecular Interactions by Online Biosensor (SAW, QCM) - MS Combination: From Antibody Epitopes to Carbohydrate Recognition
- 17:20 **Final Discussion**
- 17:30 **End of Workshop**