



DGMS-Workshop

**"Affinity- Mass Spectrometry – New Methods & Bioanalytical  
Applications"**

Sunday, March 8<sup>th</sup>, 2009

Lecture Room A 704

Chair: M. Przybylski, University of Konstanz; M. Glocker, University of Rostock

**Programme**

- 14:00     **Michael Glocker, Michael Przybylski**  
Welcome & Overview
- 14:05     **Michael Przybylski**  
Affinity-Mass Spectrometry: Overview of methods and bioanalytical applications
- 14:20     **Ken Tomer**, NIEHS Research Triangle Park:  
Structure identification of epitopes in antigen-antibody complexes
- 14:40     **Paulina Czaplewska**, University of Gdansk, Poland:  
Binding epitopes of the neuroprotective protease inhibitor cystatin C with  $\beta$ -amyloid
- 15:00     **Wolfgang Pusch**, Bruker-Daltonik, Bremen  
Affinity-capture beads for mass spectrometric proteomics
- 15:20     **Michael Gross**, Washington University St. Louis  
Bioaffinity analysis: The PLIMSTEX method
- 15:40     Coffee Break

- 16:00 **Markus Bantscheff**, Cellzome AG, Heidelberg:  
Selectivity profiling of lipid kinase inhibitors using affinity-Kinobeads
- 16:20 **Thomas Gronewold**, Biosensor GmbH, Bonn  
SAW Biosensor analysis of biopolymer interactions
- 16:40 **Mihaela Dragusanu**, University of Konstanz  
Online-Bioaffinity-ESI mass spectrometry for studying biopolymer interactions
- 16:50 **Michael Glocker**  
Affinity-Mass Spectrometry in clinical proteomics
- 17:10 **Michael Przybylski, Michael Glocker, Ken Tomer, Michael Gross**  
Discussion & final remarks
- 17:30 End of workshop