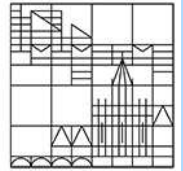


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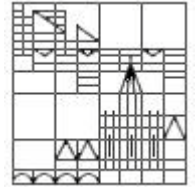
Workshop Fachgruppe Affinity – Mass Spectrometry:

Affinity-Mass Spectrometry – Applications in biochemistry, biomedicine and proteomics

November 18-19th 2010
University of Konstanz



Organizers:
Michael O. Glocker, Rostock
Michael Przybylski, Konstanz



Fachgruppe Affinity- Mass Spectrometry

5th Workshop: Affinity- Mass Spectrometry

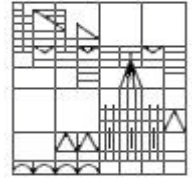
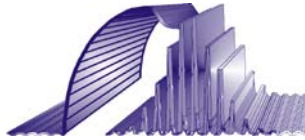
Applications in biochemistry, biomedicine and proteomics

18th - 19th November, 2010 Hörsaal/Lecture Room A 704

Programme

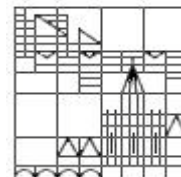
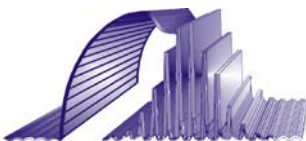
Thursday, 18th November 2010

- | | |
|-------|---|
| 16:00 | Registration |
| 18:00 | Michael O. Glocker & Michael Przybylski
Welcome & Introduction |
| | Albert Sickmann, ISAS Dortmund
TBA (Proteomics - new developments) |
| 19:00 | Welcome & get-together; Poster viewing |



Friday, 19th November 2010

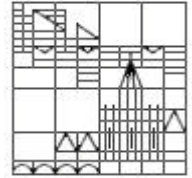
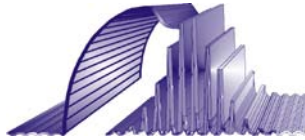
- 09:00 **Michael Przybylski, Introduction**
Affinity- Mass spectrometry in characterisation of antibody structure and biochemical properties
- 09:10 **Stephanie Fischmann, ABBOTT GmbH, Ludwigshafen**
Quantitative analysis of monoclonal antibodies in the low ng/mL range from serum via affinity enrichment coupled LC-MS/MS
- 09:50 **Marilena Manea, University of Konstanz**
Structure determination and epitope specificity of A β -autoantibodies from serum
- 10:20 Coffee break
- 10:50 **Wibke Kallow, Amocol, Teltow**
Modern stationary phases for affinity chromatography - new possibilities and chances
- 11:20 **Erik Duelsner, Caprotec GmbH, Berlin-Adlershof**
Small molecules Capture Compounds towards a functional reduction of proteome complexity
- 12:00 **Michael O. Glocker, M. Przybylski**
Assembly (Mitgliederversammlung)
Fachgruppe Affinity- Mass spectrometry
Rostock / Konstanz
- 12:40 Lunch break, **Poster viewing**



Friday, 19th November 2010

(continued)

- 14.00 **Michael Przybylski, Introduction**
New developments of combined affinity- mass
spectrometry methods
- 14.10 **Thomas Gronewold, SAW Instruments, Bonn**
Sam5 Biosensor affinity analysis of cell and blood
constituents
- 14.40 **Thorleif Lavold, Biomotif AB, Danderyd, Sweden**
Findtheneedleinthestaystack
- 15.10 **Stefan Slamnoiu, Universität Konstanz**
Online-Bioaffinity- mass spectrometry: Analytical
development and application
- 15.40 **Gudrun Stengel, Siemens AG, Berlin**
Characterisation of lipid membranes using QCM-D
- 16.10 Coffee Break
- 16.40 **Michael Desor, Waters GmbH, Eschborn**
Characterisation of therapeutic antibodies
- 17.10 **Michael Przybylski, University of Konstanz**
Characterisation of antibody-paratopes by affinity-mass
spectrometry (PAREXPOT)



Friday, 19th November 2010 (continued)

- 17.30 **Michael O Glocker, Introduction
Application perspectives in biomedicine**
- 17.50 **S. Maeser, Genzyme GmbH, Neu-Isenburg
Lysosomal storage diseases: Challenge for diagnostics
and therapy**
- 18.40 End of workshop, get together & refreshments
- 20.00 **Workshop dinner (TBA)**