



Fachgruppe Affinity- Mass Spectrometry

2nd Workshop: Affinity- Mass Spectrometry – Applications in biochemistry, biomedicine and proteomics

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

Preliminary programme

Thursday, 18th December 2010

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| 16:00 | Registration |
| 17:30 | Michael O. Glocker
Welcome & Introduction |
| 18:00 | Albert Sickmann, Dortmund
TBA (Proteomics - new developments) |
| 19:00 | Welcome get- together |

Friday, 19th November 2009

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| 09.00 | Affinity- Mass spectrometry in characterisation of
antibody structure and biochemical properties
Michael Przybylski, Introduction |
| 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, Universität Konstanz**
Structure determination and epitope specificity of A β -autoantibodies from serum
- 10:20 **NN/TBA**
- 10:50 Coffee break
- 11.20 **Erik Duelsner, Caprotec GmbH**
Small molecules Capture Compounds towards a functional reduction of proteome complexity
- 12.00 **Michael O. Glocker, M. Przybylski**
Assembly (Mitgliederversammlung) Fachgruppe Affinity- Mass spectrometry
- 12.40 Lunch break
- 14.00 **New developments of affinity- mass spectrometry methods**
Michael Przybylski, Introduction
- 14.10 **Thomas Gronewold, SAW Instruments, Bonn**
Sam5 Biosensor affinity analysis of cell and blood constituents
- 14.40 **Thorleif Lavold, Biomotif AB, Danderyd, Sweden**
TBA
- 15.10 **N. Dankbar, XantheC Bioanalytics, Düsseldorf**
SPR approaches /TBA
- 15.40 **Mihaela Stumbaum, Universität Konstanz**
Online-Bioaffinity- mass spectrometry: Analytical development and application
- 16.00 **Gudrun Stengel, Siemens AG, Berlin**
Characterisation of lipid membranes using QCM-D
- 16.30 Coffee Break

- 17.00 **Wibke Kallow, Amocol**
Modern Methods for Affinity Chromatography - current state-of-the-art.
- 17.30 **Application perspectives in biomedicine:**
Michael O. Glocker, Introduction
- 17.40 **S. Maeser, Genzyme , Neu-Isenburg**
Lysosomal storage diseases: Challenge for diagnostics and therapy
- 18.20 End of workshop, get together & refreshments
- Workshop dinner (TBA)**