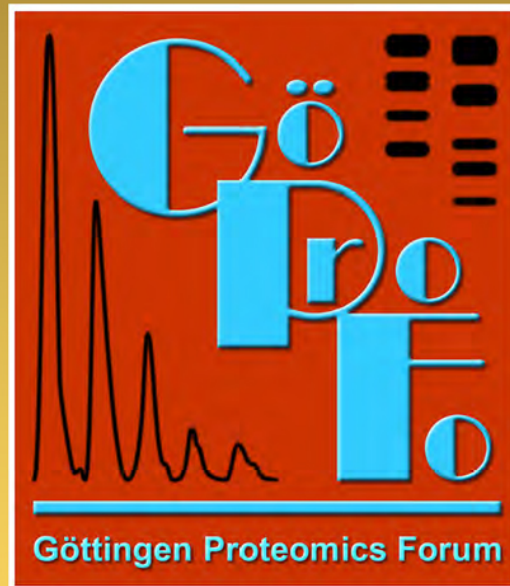


# Advances in Bioanalytical Mass Spectrometry



## 4<sup>th</sup> SYMPOSIUM OF THE GÖTTINGEN PROTEOMICS FORUM

November 19, 2009

Max-Planck-Institute of Experimental Medicine , Göttingen

### **Speakers:**

*S. Bahn / Y. Levin, Cambridge*

*F. von Eggeling, Jena*

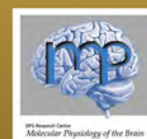
*A. Heck, Utrecht*

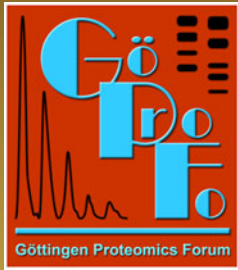
*D. Martins-de-Souza, München*

*K. Mechtler, Wien*

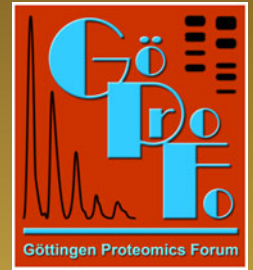
*M. Salzet, Lille*

### Company Presentations





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### *Program*

09:00 **Opening Remarks**

#### **Session 1: Proteomics in Schizophrenia**

- 09:10 - 9:35 S. Bahn *Disease biomarkers in first-onset schizophrenia*
- 09:35 - 10:00 Y. Levin *Discovery and validation of protein biomarkers for schizophrenia in blood using nLC-MSE and nLC-MRM*
- 10:00 - 10:40 D. Martins-de-Souza *Proteome analysis of brain tissue from schizophrenic patients*
- 10:40 - 11:05 M. Kipping *The Expression System solution - Labelfree protein quantification from 2004 until today*

11:05 - 11:30 **Coffee**

#### **Session 2: Profiling and Imaging in Clinical Proteomics**

- 11:30 - 12:10 F. von Eggeling *Spatial resolved proteomics in cancer research*
- 12:10 - 12:50 M. Salzet *MALDI imaging for clinical proteomic application*
- 12:50 - 13:15 K. Scheffler *Top-down proteomics on the LTQ Velos Orbitrap*

13:15 - 14:40 **Lunch & Poster**

#### **Session 3: New Trends in Quantitation and Phosphoproteomics**

- 14:40 - 15:20 K. Mechtler *High precision quantitative proteomics using iTRAQ on an LTQ Orbitrap: a new mass spectrometric method combining the benefits of all*
- 15:20 - 16:00 A. Heck *Phosphoproteomics: promises, deliverables and challenges*

16:00 **Closing Remarks**

