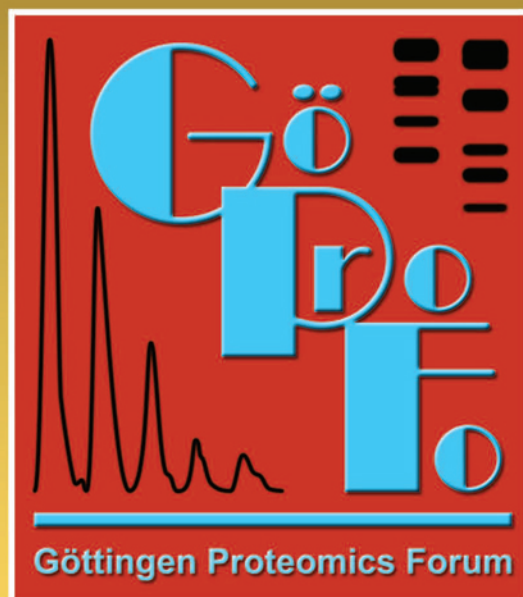


# Advances in Bioanalytical Mass Spectrometry



## 3rd SYMPOSIUM OF THE GÖTTINGEN PROTEOMICS FORUM

November 20, 2008

Max-Planck-Institute of Experimental Medicine , Göttingen

### **Speakers:**

*A. C. Gavin, Heidelberg*

*A. Imhof, München*

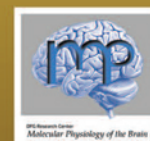
*F. Klis, Amsterdam*

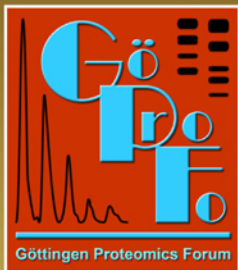
*A. Sickmann, Würzburg*

*E. Stackebrandt, Braunschweig*

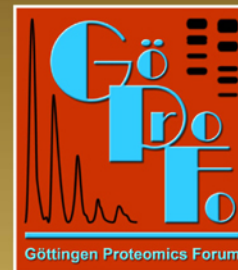
*M. Thevis, Köln*

### Company Presentations





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### Program

09:00 **Opening Remarks**

#### **Session 1: Subcellular Structures**

- 09:10 - 9:50 A. Sickmann *Mitochondrial proteomics*  
09:50 - 10:30 F. Klis *Exploring the fungal wall proteome*  
10:30 - 10:50 D. Suckau *No labels, please! The hows and whereabouts of label free quantification*  
10:50 - 11:10 S. Pötsch *Mass spectrometry results using CyDye-DIGE labelled proteins in differential expression analysis*

11:10 - 11:30 **Coffee**

#### **Session 2: Protein Modifications and Interactions**

- 11:30 - 12:10 A. Imhof *Quantification of histone modifications using mass spectrometry*  
12:10 - 12:50 A.-C. Gavin *The social network of a cell: dynamic protein interactions*  
12:50 - 13:10 R. Asbury *New tools for proteomics/genomics*

13:10 - 14:40 **Lunch & Poster**

#### **Session 3: "Detective" Mass Spectrometry**

- 14:40 - 15:20 E. Stackebrandt *Improving microbe authentication by whole cell MALDI-TOF*  
15:20 - 16:00 M. Thevis *Detection of drugs and methods of manipulation in doping controls*

16:00 **Closing Remarks**

