

BIOGRAPHICAL SKETCH

NAME Dr. Friedrich Lottspeich	POSITION TITLE Head of protein analytics		
CURRENT AFFILIATION Max-Planck-Institute of Biochemistry			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Scientist at MPI of Biochemistry, Martinsried, Germany	Dr. phil	1978	Protein Chemistry
Group leader Gene Center, Martinsried		1984	Protein Chemistry
Habilitation University Munich, Germany	Dr. med. habil.	1990	
Habilitation University Innsbruck Austria	Dr. rer nat. habil	1990	
Head of Protein Analytics		1990	Protein Chemistry Proteomics

List of five recent publications by the candidate:

Seliger,B.; Dressler,S.P.; Wang,E.; Kellner,R.; Recktenwald,C.V.; Lottspeich,F.; Marincola,F.M.; Baumgartner,M.; Atkins,D.; Lichtenfels,R. Combined analysis of transcriptome and proteome data as a tool for the identification of candidate biomarkers in renal cell carcinoma. *Proteomics* 9, 1567-1981 (2009)

Obermeier,B.; Mentele,R.; Malotka,J.; Kellermann,J.; Kumpfel,T.; Wekerle,H.; Lottspeich,F.; Hohlfeld,R.; Dornmair,K. Matching of oligoclonal immunoglobulin transcriptomes and proteomes of cerebrospinal fluid in multiple sclerosis. *Nat.Med.* 14, 688-693 (2008)

Bisle,B., Schmidt,A., Scheibe,B., Klein,C., Tebbe,A., Kellermann,J., Siedler,F., Pfeiffer,F., Lottspeich,F., & Oesterhelt,D. Quantitative profiling of the membrane proteome in a halophilic archaeon. *Molecular & Cellular Proteomics* 5, 1543-1558 (2006).

Mijalski,T., Harder,A., Halder,T., Kersten,M., Horsch,M., Strom,T.M., Liebscher,H.V., Lottspeich,F., de Angelis,M.H., & Beckers,J. Identification of coexpressed gene clusters in a comparative analysis of transcriptome and proteome in mouse tissues. *Proceedings of the National Academy of Sciences of the United States of America* 102, 8621-8626 (2005).

Schmidt,A., Kellermann,J., & Lottspeich,F. A novel strategy for quantitative proteomics using isotope-coded protein labels. *Proteomics* 5, 4-15 (2005).

Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

Long standing experience in protein chemistry and proteomics. Author of over 650 original publications and the editor of several scientific books. Research interests focus on methodical and practical approaches for protein structure elucidation and quantitative proteome analysis in the field of biomarker discovery.

President of European Proteomics Association (EuPA)

Vice President of German Proteomics Society (DGPF)

Executive Editor of BBA Proteins and Proteomics

Editor of Journal of Proteomics

Editor of Chromatographia

Member of the Scientific Advisory Board of the Austrian Genome Program "GENAU"