

**REMINDER
VENUE CHANGE**

HUPO 4th Annual World Congress moved from the Technical University of Munich to the International Congress Center Munich, Germany (ICM)

(Transportation passes will be provided--see directions on the website www.hupo2005.com)

**REMINDER
LATE BREAKING
ABSTRACTS**

Click [here](#) to submit your abstract online by August 5th.



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UPDATES FROM OUR SPEAKERS**Ruedi Aebersold**

Swiss Federal Institute of Technology, Zürich, Switzerland
and Institute for Systems Biology, Seattle, Washington, USA

Dr. Aebersold completed his studies in biology and cell biology. After holding various fellowships in the USA, he joined the University of British Columbia in Vancouver as an assistant professor in the Department of Biochemistry and Molecular Biology and as a senior investigator at the Biomedical Research Centre. He then moved to the University of Washington as an Associate Professor in Molecular Biotechnology and was promoted to full Professor in 1998. He served as the Associate Director for the Science and Technology Center for Molecular Biotechnology from 1994-2000. In 2000, he joined the Institute for Systems Biology as co-founder and full faculty member. In November 2004, he assumed an appointment as Professor of Systems Biology, Institute of Biotechnology, ETH-Zürich and Faculty of Natural Sciences, University of Zürich.

Dr. Aebersold is an associate editor for *Molecular and Cellular Proteomics* a senior editor for *Molecular Systems Biology* and advisory editor for the journal *Physiological Genomics* and has been a member of various Editorial Advisory Boards. He is the recipient of the Widmer Award, the ASMS Biemann Medal, and the World Technology Network Award in the biotechnology category.

Dr. Aebersold's research focuses on developing new methods and technologies for quantitative proteomics and for applying this emerging technology to enhance our understanding of the structure, function, and control of complex biological systems. Current applications of quantitative proteomics technology are directed towards the discovery of protein markers that differentiate cancer cells from their normal counterparts, to the investigation of the mechanisms of fundamental cellular processes by the comparative analysis of the gene and protein expression profiles in cells at different states, and to studies in the area of medical microbiology.

**Franz Ulrich Hartl**

Max Planck Institute of Biochemistry, Department of Cellular Biochemistry,
Martinsried, Germany

Many newly-synthesized proteins depend on assistance by molecular chaperones for efficient folding. Research in my laboratory is directed towards understanding the mechanisms and pathways of chaperone-assisted protein folding in the cytosol of bacteria, archaea and eukarya. Of special interest is the contribution of the cylindrical chaperonins, such as GroEL/GroES. In collaboration with Matthias Mann and colleagues, we have recently undertaken a quantitative proteomics approach to identify and characterize the proteins that depend on the GroEL/GroES folding machine in *E. coli*. We find that only ~85 of the ~2400 cytosolic proteins are strictly dependent on the chaperonin. Interestingly, proteins with TIM barrel domains are highly enriched among these substrates, suggesting a role for GroEL in the structural evolution of this important enzyme fold. Similar studies are under way to understand the usage of other major chaperone systems at the proteome level. This information will be useful in developing improved methods for recombinant protein expression.

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Meet us at the
LOEWENBRAEUKELLER for the
Congress Dinner on Wednesday,
August 31st.

Interested in sponsorship or
exhibiting, contact us at
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**IMPORTANT DATES
REGISTER NOW!**

July 31st

Next Registration deadline

August 5th

New Late Breaking
Abstract deadline

*Any feedback is very
welcome e-mail us at
hupo2005@eicplanners.com*

Please do visit our website www.hupo2005.com to get all important congress information!



Denis Hochstrasser

Vice-Dean, Faculty of Medicine, Chairman, Department of Clinical Pathology, Director, Central Clinical Chemistry Laboratory, Geneva University and University Hospital, Geneva, Switzerland

My interest has always been to bridge basic sciences and clinical practice. In the early eighties, I felt that, in order to improve the practice of medicine, large-scale protein separation and identification capabilities, including the necessary computer backbone, needed be developed. At that time, I realized that genomics could not take into account all environmental effects and aging processes; gene expression at the protein level had to be extensively studied. These ideas fuelled the burgeoning fields of proteomics and bioinformatics. I have focused my work on two-dimensional gel electrophoresis methodology, mass spectrometry and on the integration of these methodologies with electronic data processing. My goal was and is to eventually get a "clinical molecular scanner". To achieve this goal, I founded the Swiss Institute of Bioinformatics and the Biomedical Proteomic Research Group at Geneva University whose achievements include the server ExpASy (www.expasy.org) and the discovery of several new disease biomarkers.

INDUSTRY-SPONSORED SYMPOSIA SCHEDULE

Please take note that the following sponsors will be hosting seminars at the indicated times during the HUP0 2005 Congress. Additional information regarding topics and speakers will be posted on the website and detailed invitations will be sent to you electronically over the next weeks.

Sunday August 28 th	
16:30-18:00	BIORAD LABORATORIES
Monday August 29 th	
12:45-14:15	SIGMA ALDRICH BRUKER DALTONIK
Tuesday August 30 th	
07:00-08:00	NONLINEAR DYNAMICS
12:45-14:15	BD THERMO ELECTRON
Wednesday August 31 st	
07:00-08:00	AGILENT TECHNOLOGIES
12:45-14:15	GE HEALTHCARE WATERS CORPORATION
Thursday September 1 st	
12:15-13:30	APPLIED BIOSYSTEMS

ABOUT MUNICH

Entry into Munich

All visitors to Germany must have a valid passport. Some countries require a visa for entry into Germany. Contact your nearest German Embassy or Consulate for visa application information and processing time. The Congress secretariat would be happy to provide an invitation letter upon request. Please send your request to hupo2005@eicplanners.com.

Sites to see while you are visiting Munich

Schloss Nymphenburg – the grandest baroque palace in Germany



Schloss Nymphenburg

National theater – Bavarian Opera House – famous worldwide



Bavarian State Opera

We look forward to welcoming you in Munich