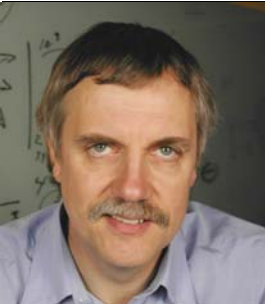


CV of Participant

	Rudolf Aebersold
Present Position:	Professor and Head of IMSB (Institute of Molecular Systems Biology)
Organization:	ETH Zürich, Switzerland
Major Field:	Systems Biology
Professional history & List of 5 most important papers	<p>Prof. Ruedi Aebersold is one of the pioneers in the field of proteomics. He obtained his Ph.D. in Cellular Biology at the Biocenter of the University of Basel in 1983. Since that time, he is a faculty member of the Universities of Washington and British Columbia, until 2000, when he co-founded the Institute for Systems Biology in Seattle. In 2004, he accepted a position as full professor at the Institute of Biotechnology at the Swiss Federal Institute of Technology (ETH) in Zurich, where in January 2005, his research group became the first integral part of the newly founded Institute of Molecular Systems Biology.</p> <p>Publications:</p> <ol style="list-style-type: none"> 1. Gygi SP, Rist B, Gerber SA, Turecek F, Gelb MH, and Aebersold R. (1999) Quantitative analysis of complex protein mixtures using isotope-coded affinity tags. <i>Nature Biotech</i> 17:994-999. 2. Zhou H., Watts JD, and Aebersold R. (2001) A systematic approach to the analysis of protein phosphorylation. <i>Nat Biotech</i> 19:375-378. 3. Keller A, Nesvizhskii A, Kolker E, and Aebersold R. (2002) Empirical statistical model to estimate the accuracy of peptide identifications made by MS/MS and database search. <i>Anal Chem</i> 74:5383-5392. 4. Zhang H, Li X-J, Martin DB, and Aebersold R. (2003) Identification and quantification of N-linked glycoproteins using hydrazide chemistry, stable isotope labeling and mass spectrometry. <i>Nat Biotech</i> 21(6):660-666. 5. Kuster B, Schirle M, Mallick P, Aebersold R. (2005) Scoring proteomes with proteotypic peptide probes. <i>Nat Rev Mol Cell Biol</i> 6(7):577-583 <p>Awards: ABRF Award (2008), FEBS Buchner Medal (2006), HUPO Award (2005).</p>