

>>> ANNOUNCEMENT



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Signalling in proteomics and the neglected majority

ABSTRACT

In recent times the establishment of techniques for detecting phosphorylation has led to insights into the posttranscriptional regulation network in cell differentiation and adaptation but there are still shortcomings in the interpretation of phosphoproteome data. Here an integrative approach for abundance based and phospho-proteomics will be presented. Beside being involved in regulation many proteins that are found differentially abundant in proteome studies are part of metabolomic processes. Examples of how proteome and metabolome data can be integrated will be shown. Another neglected part of the proteome is represented by the proteins that have never been detected and examples of targeted approaches that might help to catch those proteins will be highlighted.

BIO

Since 2013	Professor at the Aalborg University, Aalborg, Denmark
Since 2009	Speaker of Metabolomics Department
Since 2007	“Habilitation” in molecular biology and Assistant Professor at the faculty of Biochemistry, Biology and Psychology at the University of Leipzig
Since 2006	Head of Department of Proteomics at Helmholtz Centre for Environmental Research, Leipzig
2002-2006	Senior scientist at Max-Planck-Research Group for Structural Molecular Biology and Assistant Professor at the Faculty of Biology at the University of Hamburg
1998-2001	Postdoc at the Max-Planck-Research Group for Structural Molecular Biology, Hamburg
1998	PhD at the Faculty of Biology, University of Hamburg
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