



## Proteomics, Interactomes May 7-12, 2012, Stockholm, Sweden

Keystone Symposia is a non-profit organization organising conferences and workshops aiming to bring together people in the field of biomedical and life sciences. This was the first Keystone symposia organised in Sweden, and it brought together world-leading researchers in the field of proteomics. There were over 350 participants, and the program consisted of talks and three poster sessions each having approximately 60 posters. The focus of the meeting was in the protein research, and many, but not all, of the research projects presented utilized mass spectrometry.

Topics of talks covered association of transcriptome and proteome, interaction of protein complexes, changes in proteome over time, protein post-translational modifications and cell signalling probed by proteomics. Research presented covered multiple fields of biology, with protein changes in diseases, host-pathogen interactions and immunity being most interesting to me. The atmosphere in the conference was friendly, and the poster sessions were really lively. I presented a poster of my own results regarding protein secretion from human macrophages upon innate immune activation. Overall I learned a lot about how to explore protein interactions and about post-translational modifications of proteins. I believe techniques and ideas presented in conference will have an influence on my own research projects in future.

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Elina Välimäki  
Institute of Biotechnology  
University of Helsinki