

4th Swedish Proteomics Society Symposium

October 9-10, 2005
AlbaNova, Stockholm

The 4th Swedish Proteomics Society (SPS) meeting in Stockholm will include reviews of the current research areas as well as presentations of new emerging technologies. Proteins play crucial roles in all biological pathways and functions. Therefore, the characterization of protein functions, networks of interaction and also protein abundance within an organism contribute considerably to the understanding of life. An important challenge is to utilize the novel genetic information for better understanding of protein distribution and function in normal as well as in pathological biological processes.

Moreover, the recent progress in classical proteomics has been aggressive. Traditional techniques, which often involve 2-D gel electrophoresis or multidimensional liquid chromatography followed by protein or peptide identification using mass spectrometry, have been complemented with elegant approaches in which the biosamples are differentially labeled, mixed, processed, and analyzed. All these technology improvements will lead to better understanding of different diseases, discovery of new biomarkers and hopefully be important in the development of new, more efficient, drugs.

Confirmed Speakers

Prof. Gilbert S. Omenn

University of Michigan, Ann Arbor, USA

Dr. Thomas Joos

NMI, University of Tubingen, Germany

Prof. Michael Snyder

Yale University, New Haven, USA

Prof. Rainer Bischoff

University of Groningen, Groningen, The Netherlands

Assoc. Prof. Sophia Hober

Royal Institute of Technology, Stockholm, Sweden

Prof. John McCafferty

The Wellcome Trust Sanger Institute, Cambridge, UK

Dr. Daniel Daley

Stockholm University, Stockholm, Sweden

Prof. Richard M. Caprioli

Vanderbilt University School of Medicine, Nashville, USA

Prof. Emanuel Petricoin III

George Mason University, Virginia, USA

Dr. Peter Schulz-Knappe

BioVisioN GmbH & Co KG, Hannover, Germany



LÄKEMEDELSAKADEMIN

SWEDISH ACADEMY OF
PHARMACEUTICAL SCIENCES

4th SPS Symposium Program

Sunday, October 9

- 15:00 Registration opens in the reception area outside the Oscar Klein Auditorium
- 15:30 Introduction
Assoc. Prof. György Marko-Varga, Astra-Zeneca R&D, Lund, Sweden
- 15:45 **Challenges of Proteomics Analyses of the Human Plasma Proteome**
Prof. Gilbert Omenn, University of Michigan, Ann Arbor, USA
- 16:30 **Protein Microarray Technology: Applications and Future Challenges**
Dr. Thomas Joos, NMI, University of Tübingen, Germany
- 17:00 Poster session with reception
- 19:00 End of day one

Monday, October 10

- 08:30 **Probing Biochemical Activities, Regulatory Networks and Disease Using Protein Chips**
Prof. Michael Snyder, Yale University, New Haven, USA
- 09:20 Student Presentation, speaker and topic to be announced
- 09:30 Coffee and exhibition
- 10:00 **An Integrated System for the Activity-based Profiling of Metalloproteases**
Prof. Rainer Bischoff, University of Groningen, Groningen, The Netherlands
- 10:30 **Antibody-based Protein Profiling**
Assoc. Prof. Sophia Hober, Royal Institute of Technology, Stockholm, Sweden
- 11:00 **Developing an Atlas of Protein Expression, Using Recombinant Antibodies and Tissue Microarrays**
Prof. John McCafferty, The Wellcome Trust Sanger Institute, Cambridge, United Kingdom
- 11:30 **The Escherichia coli Inner Membrane Proteome**
Dr. Daniel Daley, Stockholm University, Stockholm, Sweden
- 12:00 Lunch with exhibition
- 13:30 **The Role of Proteomics in Clinical and Biological Research: Direct Tissue Analysis by Mass Spectrometry**
Prof. Richard M Caprioli, Vanderbilt University School of Medicine, Nashville, USA
- 14:15 Student Presentation, speaker and topic to be announced
- 14:30 Coffee with exhibition
- 15:00 **Clinical Proteomics for Patient Tailored Medicine and Early Disease Detection**
Prof. Emanuel Petricoin III, George Mason University, Virginia, USA
- 15:30 **Biomarkers for Protease Inhibitor Profiling by Peptidomics Analysis of Blood Plasma Samples**
Dr. Peter Schulz-Knappe, BioVisioN GmbH & Co KG, Hannover, Germany
- 16:00 **Towards quantitation of post-translational modifications in functional proteomics**
Prof. Ole Nørregaard Jensen, University of Southern Denmark, Odense, Denmark
- 16:30 Closing remarks
- 16:45 If desired, a guided tour of the AlbaNova facilities is available which takes approx. 30 min

Registration for the **4th Swedish Proteomic Society Symposium** 9-10th of October 2005

BLOCK LETTERS PLEASE!

Title	First Name:	Surname:
Company/Institution:		Job Title/Function:
Street/Box:		Department:
Postal Code/Zip:		City:
State (if applicable):		Country:
Billing Address (if different than above):		
VAT number:		
Daytime Phone:		Fax:
E-mail (required):		

*The information provided above may be used to inform of future activities. The information will not be used outside the SPS or Swepharm.
If you wish to be removed from our register, please inform us.*

Yes please, I wish to register as a...

- Industry Participant, 3500 SEK** (SPS members 3150 SEK)
- Academic Participant, 2500 SEK** (Sps members 2250 SEK)
- Post-Graduate Participant (please endorse status), 1500 SEK** (SPS members 1350 SEK)
All prices listed above exclude 25% VAT
- I intend to present a poster
- I am interested in sponsorship information/exhibiting

- Please give me the 10% discount for SPS members**
- I wish to become a member of the Swedish Academy of Pharmaceutical Sciences (Apotekarsocieteten), register for the SPS interest group, (cost 300 SEK, students 100 SEK) and receive the 10% discount. (If you decide on this option you will receive additional information by mail)
- Special requests (food allergies, handicap consideration, etc.) _____

Location/Date

Signature

Please fax your application to fax number: +46 (0)8-20 55 11

Or send by post to:
Swedish Academy of Pharmaceutical Sciences
Attn: Erica Landin, P.O. Box 1136,
SE-111 81 Stockholm, Sweden

Or email to:
erica.landin@swepharm.se

Posters

Participants are invited to present a poster. Poster abstracts should be submitted electronically to erica.landin@swepharm.se immediately, at the latest by Wednesday September 14th.

For instructions on preparation of abstracts, please visit www.swepharm.se (english version), "List of upcoming symposia and meetings", The 4th Proteomics Society Symposium.

A booklet containing accepted abstracts will be handed out at the symposium.

Registration, confirmation, cancellation

Upon receipt of your form, a written confirmation and invoice will be sent to you. There are no cancellations once the confirmations have been sent. A substitute participant is of course welcome to take your place in case you are unable to attend. A registration desk will be set up outside of the lecture hall at the time listed in the program.

Hotels

There are several lodging options in the area, and the city center is close. Two three-star hotels within walking distance are the Hotel Arcadia +46 (0)8 30 24 15 strating at 769 SEK/single room, or Hotel Brunnen at +46 (0)8 15 04 20 starting at 795 SEK/single room or 1 295 SEK/ double room.

Location

The 4th Swedish Proteomics Society Symposium takes place at the AlbaNova University Center at the Swedish Royal Institute of Technology (KTH) in the Oskar Klein Auditorium (4th floor). The webpage for Albanova is www.albanova.se

Getting there

By taxi: Ask the driver to go to Roslagstullsbacken 21 (top of the building). Enter the building at the rotunda and take the elevator (or walk) one level down.

By bus: Take bus 43 or 44 and stop at station Ruddammen. Alternatively, take bus 73 to Roslagstull. Walk to Roslagstullsbacken 21 (top of the building).

By subway: Take subway to station Tekniska Högskolan, depart north (Körsbärsvägen). Walk north to Roslagstullsbacken 21.

By car: Enter the Albano industrial area from Roslagsvägen (E18). Park below the large Albanova building (P-sign). Enter at Roslagsvägen 30 D and take the elevator three levels up.

For a map, please see

<http://www.biotech.kth.se/molbio/map.html>

Further information

Please contact Erica Landin at:

erica.landin@swepharm.se

tel 08-723 50 00 fax 08-20 55 11

Organizing Committee

Assoc. Prof. Sophia Hober

Royal Institute of Technology (KTH), Stockholm, Sweden

Dr. Märit Johansson

Swedish Academy of Pharmaceutical Sciences, Stockholm, Sweden

Assoc. Prof. Per André

Uppsala University, Uppsala

Prof. Jonas Bergquist

Uppsala University, Uppsala, Sweden

Prof. Sture Forsén

University of Lund, Lund, Sweden

Prof. Peter James

Protein Technology/Wallenberg Labs, Lund, Sweden

Prof. Hans Jörnvall

Karolinska Institute, Stockholm, Sweden

Prof. Thomas Laurell

Lund Institute of Technology, Lund, Sweden

Assoc. Prof. György Marko-Varga

Astra Zeneca R&D, Lund, Sweden

Prof. Ole Nørregaard Jensen

University of Southern Denmark, Odense, Denmark

Assoc. Prof. Gunilla Westergren-Thorsson

University of Lund, Lund, Sweden



LÄKEMEDELAKADEMIN

SWEDISH ACADEMY OF
PHARMACEUTICAL SCIENCES

