

2nd Norwegian Proteomics Meeting

August 7 - 8 2006



We are happy to invite students, researchers, and technicians to attend lectures and discussions in proteomic research.

Invited speakers and guests

Nicolas Morrice, University of Dundee, Scotland
Garry Corthals, Turku Centre for Biotechnology, Finland
Connie R. Jimenez, Vrije University Amsterdam, Netherlands
Joel Vandekerckhove, Univ. Ghent, Belgium
Peter Roepstorff, Univ. Southern Denmark, Denmark

Program

- ✓ invited lectures
- ✓ selected talks
- ✓ poster sessions
- ✓ project presentations and discussion
- ✓ the Norwegian Proteomics Organization

Talks and project presentation will be selected from the received abstracts. Attending non-academics are invited to bring posters/stands and to submit abstracts. A limited number of non-academics will be selected for talks.

>> The first Norwegian Proteomics Meeting in 2005 was a success and we hope the 2006 will be even better ! >>

Hotel reservations Bergen

Your are responsible for your own hotel reservation.

We suggest:

Scandic Bergen City
Phone +47 55309080
bergencity@scandic-hotels.com

795 NOK/single room
995 NOK/double room
(when ordering use code

Registration and meeting fees

Registrate before **May 15th** at
<http://www.bioinfo.no/courses/probe/meetings>
Fees: academics 1000 NOK non-academics 3000 NOK. Registration fees includes lunches, dinner and coffee breaks.

For further information visit www.probe.uib.no or contact Kari Espolin Fladmark (kari.fladmark@mbi.uib.no)



PROGRAMME MONDAY AUGUST 7TH

Talks will take place in auditorium 4
Breaks will take place outside auditorium 4

- 10.00 REGISTRATION, COFFEE
POSTER MOUNTING
- 10.30 **Welcome**
Kari Espolin Fladmark, University of Bergen

Chair: Joel Vandekerckhove
- 10.45 **INVITED LECTURE**
Mass spectrometry-based biomarker discovery
Connie Jimenez, Vrije Universiteit, Amsterdam
- 11.30 **Revealing the secreted proteome of Mycobacterium tuberculosis H37Rv**
Harald Wiker, University of Bergen
- 11.50 **Application of proteomics in ecotoxicology: identification of biomarkers for endocrine disrupting chemicals in frog**
Christina Tolfen, University of Bergen
- 12.10 **Application of the BioXPRESSION Platform to Ovarian Cancer Serum Biomarker Screening**
Ewoud Ouwerkerk, Perkin Elmer
- 12.30 LUNCH, POSTER SESSION

Chair: Clive D'Santos
- 13.15 **INVITED LECTURE**
TBA
Garry Corthals, Turku Centre for Biotechnology
- 14.00 **Challenges related to analysis of protein spot volumes from 2-DE, as revealed by replicate gels**
Harald Grove, Norwegian Food Research Institute
- 14.20 **Changes in enzymes associated with energy metabolism in bovine muscle pre and post mortem analyzed by proteomics**
Xiaohong Jia, Norwegian Food Research Institute
- 14.40 **A proteomic based approach for developing monitoring tools for biological effects of oil and produced water to fish**
Anneli Bohne Kjersem, University of Bergen
- 15.00 COFFEE BREAK

Chair: Stein Ove Døskeland
- 15.20 **Blue-native electrophoresis in proteomics**
Burghardt Scheibe, GE Healthcare
- 15.40 **INVITED LECTURE**
Interactomics, a challenge in proteomics
Peter Roepstorff, University of Southern Denmark
- 16.25 END OF SESSION
- 18.00 THE BOAT LEAVES FOR CORNELIUS

PROGRAMME TUESDAY AUGUST 8TH

Talks will take place in auditorium 4
Breaks will take place outside auditorium 4

08.30 COFFEE

Chair: Peter Roepstorff

09.00 INVITED LECTURE

Identification of Post Translational Modifications in proteins using LC-MS on a hybrid quadrupole linear ion trap mass spectrometer

Nick Morrice, University of Dundee

09.45 **Proteomics applied to the molecular machinery of autophagy**

Anders Øverbye, the Norwegian Radium Hospital

10.05 **Identification and characterization of phosphoproteins involved in algal-toxin induced apoptosis**

Therese Solstad, University of Bergen

10.25 **The use of Travelling Wave and Drift Tube IMS Separations for Separating Protein Ion Charge States and their Fragments**

James Langridge, Waters

10.45 COFFEE BREAK

Chair: Frode Selheim

11.00 INVITED LECTURE

Towards versatile, selective, high-coverage, sensitive and quantitative proteomics

Joel Vandekerckhove, University of Ghent

11.45 **Phosphoprotein signaling in acute myelogenous leukemia (AML) cells stimulated with growth factors**

Gry Sjøholt, University of Bergen

12.05 **New innovative solutions for sample preparation prior to MALDI analysis**

Lutz Kapp, Qiagen

12.25 **Regulation of nuclear phosphatidylinositol 5-phosphate 4-kinase Type II β by phosphorylation**

Clive D'Santos, University of Bergen

12.45 LUNCH, POSTER SESSION

Chair: Frode Berven

13.45 **Innovative solutions for quantitative protein and biomarker research**

Madalina Oppermann, Applied Biosystems

14.05 **Quantitative protein profiling**

Frank Schmidt, The Biotechnology Centre of Oslo

14.25 **Proteome analysis of different cell death pathways**

Bernd Thiede, The Biotechnology Centre of Oslo

14.45 END OF MEETING