



Photo: David Castor

Final Announcement

Minisymposium on Mass Spectrometry of Small Molecular Drugs

April 8-9, 2008, Uppsala, Sweden

Mass spectrometry (MS) is the most important tool for identification purposes in drug discovery and drug development. Compounds that have to be identified are impurities in drugs and excipients, metabolites, and biomarkers. MS is also useful for quantification of drugs and metabolites in biological materials where a high selectivity is essential. During recent decades, MS has undergone a dynamic development especially regarding new tools for ionization and for data treatment. The purpose of this meeting is to illustrate state of the art for MS techniques in the analysis of small molecular drugs and related compounds from discovery to clinic. Well-recognized experts from academia and industry will give lectures on the different aspects in using MS for drug analysis. Further there will be sessions for contributed lectures and posters. The meeting will serve as an excellent forum for formal and informal discussions that should be of special value for the young generation involved and/or interested in MS and separation sciences.

Organizing Committee

Douglas Westerlund, Uppsala University (Co-chairman)

Jonas Bergquist, Uppsala University (Co-chairman)

Mareike Lutz, AstraZeneca R&D Mölndal

Ulf Bondesson, National Laboratory for Veterinary Sciences, Uppsala

Per Andrén, General Electric Healthcare, Uppsala

Ylva Hedeland, Uppsala University

Torbjörn Arvidsson, The Medical Products Agency, Sweden

Erik Ahlzén, The Swedish Academy of Pharmaceutical Sciences, Stockholm

Mass Spectrometry of Small Molecular Drugs

Preliminary Program

Tuesday, April 8th

13.00 Registration

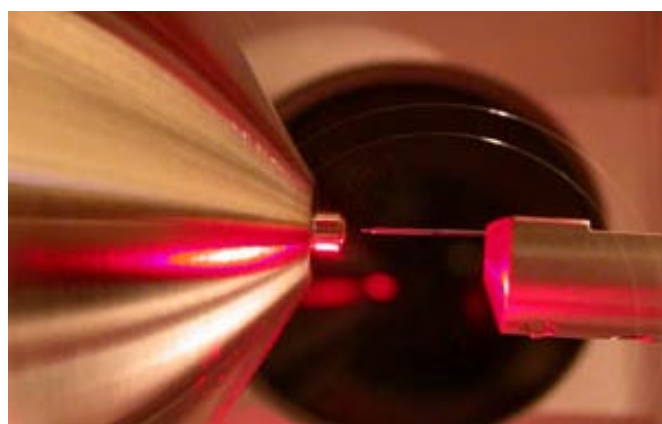
Product Analysis

- 13.30 **Opening of the Minisymposium**
Douglas Westerlund, Uppsala University, Sweden
Jonas Bergquist, Uppsala University, Sweden
- 13.35 **Using Mass Spectrometry in a New Drug Discovery Setting: MS is the Premier Analytical Tool in the Lead Optimization Arena**
Walter Korfmacher, Schering-Plough Research Institute, NJ, USA
- 14.20 **The Role of Mass Spectrometry for Impurity Identification and the Discovery of its Generation Pathway**
Coral Barbas, San Pablo-CEU University, Madrid, Spain
- 14.50 *Coffee Break, Poster Session and Exhibition*
- 15.50 **CE-MS: New Possibilities in Drug Analysis**
Gerhardus de Jong, Utrecht University, The Netherlands
- 16.20 **Short Lectures** 4 x 15 min
- 17.20 *Break, Poster Session and Exhibition*
- 17.50 **Use of MS as a Tool in Rational RPLC Method Development**
Patrik Petersson, AstraZeneca R&D Lund, Sweden
- 18.20 **The History of MS for Drug Analysis**
Speaker to be announced
- 19.15 *Conference Dinner*

Wednesday, April 9th

Bioanalysis

- 08.30 **Metabolite Identifications**
Gérard Hopfgartner, University of Geneva, Switzerland
- 09.15 **Zeptomole Sensitivity in Accelerator Mass Spectrometry**
Mehran Salehpour, Uppsala University, Sweden
- 09.45 **Quantitative and Qualitative Analysis of Drugs and Related Compounds in Biological Material**
Olof Beck, Karolinska Institute, Stockholm, Sweden
- 10.15 *Coffee Break, Poster Session and Exhibition*
- 10.45 **Short Lectures** 4 x 15 min
- 11.45 **Imaging**
Markus Stoeckli, Novartis Institutes for Biomedical Research, Basel, Switzerland
- 12.15 **HPLC-Chip/MS: a New Powerful Analytical Technology**
Rudi Grimm, Agilent Technologies Inc, Santa Clara, CA, USA
- 13.00 **Concluding Remarks**
Jonas Bergquist, Uppsala University, Sweden
- 13.15 *Lunch*



Poster Session and Short Lectures

Scientific contributions are welcome, and delegates are kindly requested to send an **abstract by e-mail to Jenny Hagberg**, jenny.hagberg@lakemedelsakademin.se, at the Swedish Academy of Pharmaceutical Sciences **no later than March 11, 2008**. Please, indicate whether you prefer a short oral presentation (15 min) or a poster.

Participation fee

The participation fee for early registration is **3100 SEK***, applicable until March 7th. After this date the fee is **3800 SEK***. PhD students at academic institutions participate at a reduced fee of **900 SEK*** and **1300 SEK*** if registration is received after March 7th.

The fee for accommodation is **1200 SEK*** and the Conference Dinner is **600 SEK***. **(excl. VAT)*

Conference dinner

The conference dinner will take place on Tuesday April 8th at the restaurant Gillet Brasserie and Lounge at the hotel.

Confirmation and cancellation

You will receive a written confirmation of your registration within a week. Cancellations of registration fee and accommodation can be made at no charge until **Friday March 7th**. Cancellations received after this date are not reimbursable. Substitutions are allowed up until the start of the meeting, and should be made in writing to jenny.hagberg@lakemedelsakademin.se

Hotel and venue

The meeting will take place at Clarion Hotel Gillet in the heart of Uppsala. It opens at 13:30 hrs with registration from 13.00 hrs on Tuesday April 8th and ends at 13.00 hrs on Wednesday April 9th.

The official language of the the minisymposium is English.

Exhibition

Companies are invited to exhibit at the conference. For further information please contact erik.ahlzen@lakemedelsakademin.se.

Further Information

Please contact the project assistant Jenny Hagberg, jenny.hagberg@lakemedelsakademin.se for organizational questions, phone: +46 (8) - 723 50 91 and for program and exhibition the project manager Erik Ahlzen, erik.ahlzen@lakemedelsakademin.se, phone: +46 (8) - 723 50 86.



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Registration for the
**Minisymposium on
Mass Spectrometry of Small Molecular Drugs
April 8-9 2008, Uppsala Sweden**

Registration can also be completed on www.lakemedelsakademin.se/ms

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):		

Participation fee

- Delegate fee 3100 SEK* until March 7th and 3800 SEK* after this date
 PhD Student fee 900 SEK* until March 7th and 1300 SEK* after this date

Accommodation

- Please. reserve a single room at Clarion Hotel Gillet April 8-9, 1200 SEK*

Conference Dinner

- Gillet Brasserie and Lounge, 600 SEK* All prices listed above with an * excludes VAT

Poster and Exhibition

- Short oral presentation
 Poster
 I am interested in exhibiting

Special requests

- Food allergies, handicap consideration, etc.

Location/Date _____ Signature _____

Reduced delegate fee before March 7th!

Please fax your application to fax number: +46 (0)8-20 55 11 or email to: jenny.hagberg@lakemedelsakademin.se or send by post to Swedish Academy of Pharmaceutical Sciences, Attn: Jenny Hagberg, P.O.Box 1136, SE-111 81 Stockholm, Sweden.