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# 4th Anglo-Swedish Medicinal Chemistry Symposium

15th-18th March 2009, Lund, Sweden



LÄKEMEDELSAKADEMIN

SWEDISH ACADEMY OF  
PHARMACEUTICAL SCIENCES







## Introduction

This conference is the 4th symposium organized jointly between the Medicinal Chemistry Section of the Swedish Academy of Pharmaceutical Sciences and the Biological and Medicinal Chemistry Sector of the Royal Society of Chemistry. The aim of the symposium is to promote the very best of medicinal chemistry in a stimulating environment. The previous meetings have been held biennially since 2003, each with over 100 delegates from all over the world.

## Programme Outline

The programme consists of five sessions. Many of the medicinal chemistry talks will be "first disclosures" whilst the 'enabling sessions' on 'achieving tissue selectivity' and 'new trends in drug discovery' will be presented by experts from across the industry. The symposium is also designed to provide plenty of opportunities to meet other delegates, renew friendships and foster new contacts.

## Poster Session

Participants are encouraged to present a poster in English and will get a 500 SEK discount on the delegate fee. Please indicate on the booking form if you intend to do a poster presentation. Poster abstracts (single A4 page, heading in Arial font 14pt and all other texts in Times New Roman 12pt) should be sent electronically to Dr. Göran Lidgren [goran.lidgren@swepharm.se](mailto:goran.lidgren@swepharm.se) by 6th February 2009.

## Organizing Committee

David Alker, David Alker Associates, UK  
 Thomas Elebring, AstraZeneca, Sweden  
 Carlos Garcia-Echeverria, Novartis Institutes for Biomedical Research, Switzerland  
 Adrian Hall, GlaxoSmithKline, UK  
 Charles Hedgecock, Sweden  
 Alexander Humphries, AstraZeneca, UK  
 Göran Lidgren, Swedish Academy of Pharmaceutical Sciences, Sweden  
 Austen Pimm, AstraZeneca, UK

## Venue & Language

The meeting will take place in Lund, a beautiful university town in the south of Sweden. The Symposium will start with registration and a welcome reception at Scandic Hotel on Sunday evening, March 15th and will finish around 1 pm on Wednesday, March 18th. The scientific sessions will be held in the Lecture Theatre at AstraZeneca R&D in Lund. The symposium language is English.

## How to get there?

Lund is easily accessible (ca 40 minutes) by direct trains from Copenhagen Airport or by bus from Malmö Airport.

## Sponsor Opportunities and Company Exhibition

The Organizing Committee is pleased to offer sponsorship opportunities to organizations and companies. Sponsors will be recognized in the abstract book and at the opening and closing ceremonies of the conference.

In connection with the meeting there will also be an Exhibition with the opportunity to have a company booth or stand. Price level is 6000 SEK (VAT excl.) for a ca. 2x2 m<sup>2</sup> space.

## Participation Fee and Accommodation

The participation fee is SEK 4400\* for academic researchers and SEK 5800\* for industry delegates if registration is received before January 18th 2009. From that date the fee is SEK 5900\* for academic researchers and SEK 7300\* for industry delegates. Poster presenters receive a 500 SEK reduction off the fee.

\* VAT excl.

The fee includes documentation, welcome reception, meals and coffee (including symposium dinner) according to the programme. Accommodation is not included in the participation fee, but sufficient rooms have been reserved at the Scandic Star Hotel in Lund at a discounted rate of 1400 SEK/night (excl. VAT). Early registration is strongly recommended due to limited number of places!



## Cancellations, Substitutions

The participation fee will be reimbursed in full if written cancellation is received before February 10th, 2009. Cancellations received after this date are not reimbursable. The cost for booked accommodation follows the cancellation rules of the Hotel. A substitute participant is of course welcome to attend, but please always inform the responsible Symposium Secretary.

## Further Information

If you have any questions about this meeting, please contact Symposium Secretary Diana Mickels. Phone +46 (0) 8-7235085, [diana.mickels@lakemedelsakademin.se](mailto:diana.mickels@lakemedelsakademin.se)

**Registration can be made online at [www.lakemedelsakademin.se](http://www.lakemedelsakademin.se) or by post using the attached form.**

**Registration can be made on [www.lakemedelsakademin.se](http://www.lakemedelsakademin.se)**



## PROGRAMME

### Sunday 15th March

**18:00-19:00** Registration

**19:00-21:00** Welcome Reception at Hotel Scandic Star

### Monday 16th March

#### Morning Session, 08:30-12:00: Kinases and ATPases

Chairman: *Carlos Garcia-Echeverria*, Novartis Institutes for Biomedical Research, Switzerland

Structure based design of Eg5 inhibitors for cancer treatment  
*Paul Barsanti*, Novartis Institutes for Biomedical Research

Mining of kinase conformational switching pockets. Application to drug discovery and development

*Daniel L Flynn*, Deciphera

Identification and optimization of selective small molecular inhibitors of mTOR kinase

*Kurt G Pike*, AstraZeneca

Balancing Selectivity and Developability – Optimisation of a Novel Series of p38 Inhibitors

*Stephen Swanson*, GSK

**13:00-16:00** Poster Session

#### Evening Session, 17:00-19:00: Overcoming Problems with Multi-Functional Targets - Achieving Selectivity by Tissue Distribution

Chairman: *Alexander Humphries*, AstraZeneca, UK

Discovery of a Rationally Designed Orally Efficacious HMG Co-A Reductase Inhibitor with Reduced Myotoxicity Potential  
*Saleem Ahmad*, Bristol Myers Squibb

Brain penetrant alpha 1A partial agonists for the treatment of stress urinary incontinence

*Lee Roberts*, Pfizer

Inhaled Adenosine A2a agonists for the treatment of COPD

*Simon Mantell*, Pfizer

**19:30** Dinner

### Tuesday 17th March

#### Morning Session, 08:30-12:00: Enzymes and Transporters

Chairmen: *Austen Pimm*, AstraZeneca, UK

*Charles Hedgecock*, CHAB, Sweden

The discovery of AZD2281, a novel, bioavailable inhibitor of Poly (ADP-ribose) Polymerase-1

*David Rudge*, AstraZeneca Kudos

Discovery of Lu AA21004: A novel compound for the treatment of mood disorders

*Benny Bang-Andersen*, Lundbeck

Discovery of potent and selective GlyT1 inhibitors for Schizophrenia

*Emmanuel Pinard*, F. Hoffmann La Roche.

**13:00-17:00** Excursion Tour

#### Evening Session, 17:00-19:00: Challenges and new trends in Medicinal Chemistry

Chairman: *Thomas Elebring*, AstraZeneca R&D Mölndal, Sweden

Medicinal Chemistry Strategies to Overcome Attrition

*Paul Leeson*, AstraZeneca

Inhalation by Design

*Mark Bunnage*, Pfizer

The use of metabonomics in drug discovery

*Ian Wilson*, AstraZeneca

**19:30** Conference Dinner

### Wednesday 18th March

#### Morning Session, 08:30-12:00: GPCRs

Chairman: *Adrian Hall*, GSK

CCR5 antagonists for the treatment of HIV- The discovery and optimization of an Imidazopiperidine Series

*Paul Stupples*, Pfizer

5-HT<sub>6</sub> Receptor Antagonists for the Symptomatic Treatment of AD: From Discovery to Clinic

*Mahmood Ahmed*, GSK, Singapore

The Discovery of g-Carbolines as Peripherally-Restricted CB1 Agonists for the Treatment of Pain - Hit Generation and Hit to Lead

*Mirek Tomaszewski*, AstraZeneca

Closing Words

*Dave Alker*

**12:15-13:15** Lunch

**B**SVERIGE  
PORTO BETALT  
PORT PAYÉ

Registration can also be made on our home page [www.lakemedelsakademin.se](http://www.lakemedelsakademin.se)

### Booking Form

## 4th Anglo-Swedish Medicinal Chemistry Symposium, March 15th–18 th, 2009

Please register me for the 4th Anglo Swedish Medicinal Chemistry Symposium

- ☐ I am an industry delegate    ☐ I am an academic researcher  
☐ I wish to present a poster.    ☐ I want accommodation at discount rate at Scandic Hotel Lund arrival time.....departure.....

Poster Title:

Name:

Date of Birth (yymmdd):

Company incl. building:

Department:

Company Address:

Post Code:

City:

Invoice Address if not the above:

Phone:

Mobile:

Fax:

E-mail:

Please indicate any special requirements (e.g. Dietary):

Date

Signature

Fax: +46-(0)8-20 55 11

Mail: Läkemedelsakademin, att: Diana Mickels, P.O. Box 1136, SE-111 81 Stockholm, Sweden.