



Rosenön meeting on
Optimizing Drug Delivery to the Target
September 9-11 2010, Stockholm

The Rosenön meeting is arranged in collaboration with the sections of the Swedish Academy of Pharmaceutical Sciences:

- Pharmacokinetics and Drug Metabolism
- Pharmaceutics and Biopharmaceutics



LÄKEMEDELSAKADEMIN

*SWEDISH ACADEMY OF
PHARMACEUTICAL SCIENCES*

Preliminary Programme

Thursday, September 9

Introduction

Chair: *Achim Orzechowski*, AstraZeneca R&D, Södertälje

Recognizing and overcoming barriers to optimized drug delivery - an update

Per Artursson, Uppsala university, SE

Session I: Prodrugs

Chair: *Urban Fagerholm*, AstraZeneca R&D Södertälje

Prodrugs: Objectives and challenges

Bernard Testa, University Hospital Centre, Lausanne, CH

Prodrug strategies in improving oral bioavailability

Bente Steffansen, University of Copenhagen, DK

Speaker to be announced

Prodrugs developed to achieve oral bioavailability for direct thrombin inhibitors

Ulf Eriksson, AstraZeneca R&D Mölndal, SE

Student speaker session II:

Chair: *Achim Orzechowski*, AstraZeneca R&D Södertälje

Friday, September 10

Session III: Pulmonary delivery as a focus area

Chair: *Torkel Gren*, AstraZeneca R&D, Södertälje

Physiologically-based modeling of pharmacokinetics in drug research and development- application for intestinal and lung absorption

Stefan Willman, Bayer Technology, Leverkusen, DE

PK-aspects on inhalation for local treatment of the lung

Lars Borgström, AstraZeneca R&D Lund, SE

Preclinical models for lung delivery- isolated perfused lung

Pär Ewing, AstraZeneca R&D Lund, SE

Pulmonary delivery of large molecules

Per Wollmer, Lund University, SE

Session IV: Delivery for local effects

Chair: *Janet Hoogstraate*, AstraZeneca R&D Södertälje

New product opportunities based on lipid-based drug delivery technologies – focusing on dermal and nasal delivery

Stefan Grudén, Orexo, Uppsala, SE

Drug delivery to the CNS: new openings for difficult molecules

David Begley, Kings College London, UK

Transport of large molecules across the blood-brain barrier

Maxime Culot, Université d'Artois, FR

Focal drug therapy, a novel treatment strategy for localized prostate cancer

Hans Lennernäs, Uppsala University, SE

Presentation of this year's winner of the Rosenön Award and lecture held by the winner

Candle light lecture

Speaker to be announced

Saturday, September 11

Sessions V: Simulations

Chair: *Per Garberg*, Biovitrum AB, Stockholm

TIM-1 an artificial gastro-intestinal model capable of predicting human in vivo dissolution and elements of PK performance

Mohammed Yasin, AstraZeneca R&D Alderley Park, UK

Simcyp and GastroPlus for simulation of oral absorption

Maurice Dickins, Pfizer, Sandwich, UK

Poster session

ACAT based absorption simulations in pharmaceutical development

Christer Tannergren, AstraZeneca R&D Södertälje, SE

General information

This meeting will take place at Sångå-Säby, Svartsjö. It opens at 14:45 Thursday, September 9, and closes by lunch Saturday, September 11. Registration opens at 14:00. Transportation by bus is arranged from Stockholm City terminal on Thursday, September 9, departing at 13:00. The return to Stockholm City Terminal will be at 13:00 Saturday, September 11.

The official language of the meeting is English.

Venue

The meeting takes place at the beautiful conference centre Sångå-Säby, located on the shores of Lake Mälaren, 30 km outside Stockholm. The excellent location provides an ideal setting for meetings. You may choose to lodge in single or double rooms. Available facilities include sauna, pool and running courses.

For more information please visit www.sangasaby.se



Registration and accommodation

Early registration is advisable to reserve a place as the number of participants is limited. The early participation fee for industry is **6000 SEK** and for academy **4400 SEK**, applicable until **July 1, 2010**. After this date the delegate fee is **7000 SEK** for industry and **5400 SEK** for academy.

The full room and board, for two nights, in a single room is **4000 SEK**. For lodging in double rooms, the price is **3000 SEK**. If you wish to be a day guest the price is **1500 SEK** for coffee and lunch for all days (dinner is not included).

The organizing committee welcomes a number of PhD students with a poster to register to the reduced participation fee of **1000 SEK**. (Accommodation is not included) Candidates for sponsored participation are kindly requested to submit their abstract before **June 15**. Those accepted for sponsored participation will be informed in the end of June. *All prices are given excl. VAT.*



Poster session

The programme includes a poster session, to which all participants may apply. A number of accepted posters will be selected for oral presentation in the student speaker session.

Participants are encouraged to submit their poster abstract before **August 12**.

Please, submit your abstract in MS word to Jenny.Hagberg@akemedelsakademin.se. For abstract and poster instructions please visit www.lakemedelsakademin.se/ros

Cancellation

Cancellations should be addressed, in writing to Jenny Hagberg, jenny.hagberg@lakemedelsakademin.se and can be made at no charge up until 30 days before the start of the meeting. After this our cancellation policy applies, which can be found in the confirmation sent earlier and on our web page. Substitutions may however be made at any time. Kindly forward the name of the substitute to jenny.hagberg@lakemedelsakademin.se.

Contact information

For questions about the programme please contact the project manager Agneta Larhed, agneta.larhed@lakemedelsakademin.se or phone: +46(8)-723 50 10.

For organizational questions, please contact the project administrator Jenny Hagberg, jenny.hagberg@lakemedelsakademin.se phone: +46(8)-723 50 08.

Organizing committee

Achim Orzechowski, AstraZeneca R&D Södertälje
Per Garberg, Biovitrum AB
Per Artursson, Uppsala University
Torkel Gren, AstraZeneca R&D Södertälje
Urban Fagerholm, AstraZeneca R&D Södertälje
Janet Hoogstraate, AstraZeneca R&D Södertälje
Agneta Larhed, Läkemedelsakademin



Reduced participation fee until July 1, 2010!

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PORTO BETALT
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Registration Form

Optimizing drug delivery to the target

September 9-11, Stockholm, Sweden

Name:	Date of birth (yymmdd):	Position/Title:
Company:	Unit:	
Company address:	Department:	
Postal Code:		
Invoice Address (if other than above)		
Country:	European VAT No:	
Phone/Mobile:	Fax:	
E-mail:		
Special request, food allergies etc:		

*The above information can be used to inform about upcoming seminars arranged by
The Swedish Academy of Pharmaceutical Sciences. Please notify us if you do not wish to receive information.*

Participation fee

Until July 1 6000 SEK (Industry) 4400 SEK (Academy) 1000 SEK (Phd student with poster)
 After July 1 7000 SEK (Industry) 5400 SEK (Academy) 2000 SEK (Phd student with poster)

Accommodation fee

Please, reserve a *single-room* with full board (September 9-11) 4000 SEK

Please, reserve a *double-room* with full board (September 9-11) 3000 SEK

I wish to share the room with:

Day guest

Please, register me as a *day guest* (September 9-11, coffee and lunch) 1500 SEK

Date and signature:

Completed registration form should be sent to: The Swedish Academy of Pharmaceutical Sciences,
Attn: Jenny Hagberg, PO Box 1136, SE111 81 Stockholm, Sweden, Fax No: +46 (8) 20 55 11.

To register online, please visit www.lakemedelsakademin.se/ros