

Optimising Locally Delivered Drugs

11th June 2009

Novartis Institutes for Biomedical Research, Horsham , UK

Programme:

The delivery of drugs direct to the site of action offers the potential for exquisite efficacy and minimal side effects. Ready access to the target tissue is a pre-requisite for local delivery and many drugs have been developed to take advantage of local tissue access targeting e.g. skin, nasal tissue, tracheal tissue, the GI tract and the eye.

The particular complexities associated with local delivery will be discussed at this meeting including the design requirements for both novel drug substances and their formulation. This will be illustrated with several recent drug discovery case studies.

09.00 Registration and coffee

09.50 Introduction - **Novartis Representative**

10.00 **Session 1 - Chair: Mark Searcey, University of East Anglia**
Retinal drug delivery: current options and future possibilities
Susan Barker, School of Chemical Sciences and Pharmacy, University of East Anglia

10.45 The Dynamic Gastric Model – A significant step closer to the real thing
Martin Wickham, Institute for Food Research, Norwich

11.30 The Discovery and Development of Ezetrol™: Serendipity and Design in the Discovery of Ezetimibe
Duane Burnett, Schering-Plough, USA

12.15 Getting compounds into wounds and scars: challenges to the drug discoverer
Rob Webster, Pfizer Global R&D, Sandwich

Register on-line at:
www.smr.org.uk

PLEASE NOTE: All attendees must send us by email a passport-style photograph in advance. In addition, you should bring to the meeting a form of photo identification such as a passport, ID card or photo driving licence. These are required by Novartis to make admission to their site as smooth as possible.

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13.00 **Lunch**

14.00 **Session 2 - Chair: Ruth Lock, Novartis**

Discovery of novel inhaled ENaC blockers

Nichola Smith, *Global Discovery Chemistry, Novartis
Institutes for Biomedical Research, Horsham*

14.45 A DMPK perspective of inhaled drug discovery – from
particle deposition and dissolution to absorption kinetics
and PD effects

Stephan Eirefelt, *Astra-Zeneca, Sweden*

15.30 Tea

Session 3 - Chair: Steve Collingwood, Novartis

15.55 Inhaled Adenosine A2a Agonists for COPD

Simon Mantell, *Pfizer Global R&D, Sandwich*

16.40 Optimisation of a novel structural class of potent and
selective PDE4 inhibitors for inhaled administration

Mike Woodrow, *ImmunoEpigenetic DPU Chemistry,
GlaxoSmithKline R&D*

17.25 Close

SMR Meetings in 2009

Toxicities Encountered in Drug Discovery

24th September 2009
NHLI, London

SMR Award Meeting

10th December 2009
NHLI, London



Optimising Locally Delivered Drugs

Name:

Address:

Tel: Fax:

Email:

Dietary Requirements: Vegetarian: Other:

Registration Fees: (Novartis Discount Code):

SMR members: £80 Non-Members: £120 Honorary Life Member

Students:* £35 Retired members: £35 (FREE)

*Students should attach a letter confirming their student status from their HoD/Supervisor to this booking form.

Payment Methods:

Cheque: If you wish to pay by cheque, then please send your cheque made payable to **Society for Medicines Research**, together with this form to the address given below.

Credit/Debit Card: To pay by Visa/Eurocard/MasterCard/Switch/Delta/ConnectCard or American Express simply enter your card details below.

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Please note that deductions will be shown on your statement with the reference

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Names and addresses of delegates will be included in a list given to all attendees. If you do **NOT** want your name to appear please tick this box.

Fees once paid are not refundable unless a cancellation is received at least 5 working days prior to the event.

Delegate substitutes are permitted at any time.

Join on-line at www.smr.org.uk or through our secretariat at the address given below.

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Society for Medicines Research

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