



Lessons Learned in Medicinal Chemistry From Concept to Clinic

27 April 2009

Murray Edwards College, Cambridge

PROGRAMME AND APPLICATION FORM

Lessons Learned in Medicinal Chemistry

But Mousie, thou are no thy-lane,
In proving foresight may be vain:
The best laid schemes o' Mice an' Men,
Gang aft agley,
An' lea'e us nought but grief an' pain,
For promis'd joy!

*From "To A Mouse, on Turning Her Up in Her Nest, With The Plough" (1785)
Robert Burns (1759- 1796)*

In the main there are two types of drug discovery projects: those that hit serious problems and those that are going to hit serious problems. The difference between success and failure is how we, as medicinal chemists, tackle and resolve these problems.

On a technology front we shall hear about the latest concepts in ADMET, Informatics and CADD. The speakers have also been asked to tell their medicinal chemistry worked examples as they happened, highlighting the problems encountered and their eventual solutions.

This meeting is aimed at all those medicinal chemists who want to become better drug hunters.

Programme

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|-------|--|
| 08.15 | Registration and Coffee |
| 09.00 | Drug Discovery Technologies – A Closer Look
Hugo Kubinyi |
| 09.45 | Learning from the structure-based design of inhaled PDE4 inhibitors
John Mathias (Pfizer) |
| 10.30 | Coffee break |
| 10.55 | Incorporating ADMET into drug design; promises and pitfalls
Dennis Smith (Pfizer) |
| 11.40 | Creation of UK-453061. A novel non-nucleoside reverse transcriptase inhibitor for the treatment of HIV
Charles Mowbray (Pfizer) |
| 12.25 | The Protein Factor: From structure-based drug design to describing chemotypes
Jonathan Mason (Lundbeck Research) |
| 13.10 | Lunch |
| 13.55 | The discovery of novel CB1 antagonists
Phillip Cowley (Schering-Plough) |

- 14.35 Cheminformatics
Paul Leeson (AstraZeneca)
- 15.15 **Tea**
- 15.40 The discovery of Sugammadex at Organon
Ming Zhang (Biotica)
- 16.20 Discovery and structure guided optimisation of Hsp90 inhibitors for the
treatment of cancer
Martin Drysdale (Vernalis)
- 17.00 **Close**

Venue

The meeting will be held in Buckingham House, Murray Edwards College (formerly New Hall) in Cambridge. Arrival information will be sent to registered delegates around 3 weeks before the meeting.

Application and Fees

Application should be made on the following form by **30 March**.

The organisers are able to offer **free registration** to a number of postgraduate students on a first-come-first-served basis. Please contact the Secretariat for availability.

The fees include lunch and refreshments. The meeting is exempt from VAT.

RSC Members	£80
Non-members	£130

Sponsors

The RSC BMCS is grateful for the support of the following companies

AstraZeneca R&D Charnwood
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Organisers

Dr Martin Drysdale (Vernalis)
Dr Terry Hart (Vernalis)
Dr David Rees (Astex Therapeutics)

Secretariat

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APPLICATION FORM

Please note that a late application fee applies after 30 March.

This form should be completed clearly and returned with your remittance to:
Conference Secretariat, Field End House, Bude Close, Nailsea, Bristol BS48 2FQ.
Fax: +44 (0)1275 853311. Email: esw@confsec.co.uk.

Title (Prof, Dr etc):

First Name:Last (Family) Name:.....

Organisation:

Address:

.....

.....Postcode.....

E-mail: (for acknowledgement and List of Participants)

.....

Tel and Fax (for contact by us)

Special needs: Please inform us in advance of any dietary requirements, access or other facilities which may be required.

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Registration Fee

Please tick as appropriate.

Members	£80
Non-members	£130

Add Late Booking fee after 4 February	£30
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Payment information is overleaf.

SIGNEDDATE

Payment Methods

1. Cheque

I enclose a cheque payable to **RSC-BMCS** for £

2. Bank Transfer

Payments can be made by BACS, please contact Conference Secretariat for the details. All charges must be paid by the sender. Include the delegate name as the reference in the instruction and send a copy with the application form.

3. Credit Card

Please charge my MASTERCARD, VISA or AMEX card for

£

Card No: _ _ _ _ _

Expiry Date: _ _ / _ _ Card Security Code _ _ _ _

The Security Code is the last three digits on the signature strip (or 4 digits on the front of AMEX cards).

Cardholder's signature

Cardholder's name (please print)

Cardholder's billing address (if different to overleaf)

.....

.....

.....Postcode

DATA PROTECTION: The information you supply will be used for the administration of the meeting. A List of Participant names and email addresses will be distributed at the conference. If you DO NOT wish your address to be included, please tick the box.