



# **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 | <b>Registration and Coffee</b>   |
| 09.00 | Drug Discovery Technologies – A Closer Look<br>Hugo Kubinyi  |
| 09.45 | Learning from the structure-based design of inhaled PDE4 inhibitors<br>John Mathias (Pfizer)                                       |
| 10.30 | <b>Coffee break</b>  |
| 10.55 | Incorporating ADMET into drug design; promises and pitfalls<br>Dennis Smith (Pfizer)   |
| 11.40 | Creation of UK-453061. A novel non-nucleoside reverse transcriptase inhibitor for the treatment of HIV<br>Charles Mowbray (Pfizer) |
| 12.25 | The Protein Factor: From structure-based drug design to describing chemotypes<br>Jonathan Mason (Lundbeck Research)                |
| 13.10 | <b>Lunch</b>   |
| 13.55 | The discovery of novel CB1 antagonists<br>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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**Lessons Learned in Medicinal Chemistry**  
**27 April 2009, Cambridge**

**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

<b>Add Late Booking fee after 4 February</b>	<b>£30</b>
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Payment information is overleaf.

SIGNED .....DATE .....

## 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

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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.