

Fragments 2013  
4<sup>th</sup> RSC-BMCS Fragment-based Drug Discovery meeting

APPLICATION FORM

Please note that a late application fee applies from 1st February 2013  
This form should be completed clearly and returned with your remittance to: Conference Secretariat, Maggi Churchouse, 3 East Barn, Market Weston Road, Theltham, Diss IP22 1JJ, UK  
Fax: +44 (0)1359 221004, e-mail: maggi@maggichurchouseevents.co.uk

Title (Prof, Dr, etc): ..... First Name: .....

Last (Family) Name: .....

Job Title: .....

Organisation: .....

Address: .....

.....

Postcode: ..... Telephone(for contact by us): .....

E-mail (for correspondence): .....

Special dietary or other needs:.....

Registration Fees (including conference dinner)		
Please tick as appropriate.		
RSC member*	Up to 30 December	31 Dec to 31 Jan
Non-members	£290	£350
RSC student member*	£370	£440
Non-member student	£145	£175
Trade stand (excluding delegate) - fixed rate	£185	£220
Add late booking fee for registration payments received by the Secretariat from 1 February		£750
I confirm that I <b>will / will not</b> attend the conference dinner on Monday, 4th March		£50
* RSC membership number: .....		

**Transport:** I plan to use the free transport between: Mon am Mon pm Tue am Tue pm

• Didcot railway station and venue ☐ ☐ ☐ ☐

• Hotels and venue ☐ ☐ ☐ ☐

Transport offered subject to availability

• I require a car parking space at STFC ☐ Registration number .....

**Tours and Training Course**

• I would like to join one of the tours of the Diamond Light Source Synchrotron ☐

• I would like to attend the Training Course on the afternoon of Sunday, 3rd September ☐

**Payment Methods**

1. **Cheque:** I enclose a cheque payable to Maggi Churchouse Events for £ .....

2. **Bank Transfer:** Payments may be made by BACS - please contact Conference Secretariat for details. All charges must be paid by the sender. Please include the delegate name and invoice number as the reference in the bank instruction and send a copy with the application form.

3. **Card:** Card payments may be made online at [www.maggichurchouseevents.co.uk/bmcs](http://www.maggichurchouseevents.co.uk/bmcs)

DATA PROTECTION: The information you supply will be used for the administration of the meeting. A list of participants' names and e-mail addresses will be distributed at the conference. If you DO NOT wish your address to be included, please tick the box - ☐

Additional Information

Venue and Travel

The venue, kindly sponsored by Science and Technology Facilities Council, is just 40 minutes from London Paddington and easily accessible from London and Birmingham airports.

Accommodation

Bedrooms have been held at three local hotels, and the conference hotel is the Milton Hill House. More information on the hotel options and booking process may be found on the event website.

Conference Dinner

The conference dinner will be held at the Harwell Science and Innovation Campus, the home of the Diamond Lightsource Synchrotron, on Monday, 4th March. Attendance is included in the registration fee.

Pre-conference Training Course

Details of the pre-conference training course may be found just before the programme overleaf.

Tours of the Diamond Light Source Synchrotron

Tours of the Diamond Lightsource Synchrotron will be available over lunchtime on Tuesday, 5th March. Limited places are available on these one-hour tours, and they will be allocated on a "first come, first served" basis. If you wish to join a tour, please indicate this on registration.

Organising Committee

Mike Hann	GlaxoSmithKline
Andrew Hopkins	University of Dundee
Samantha Hughes	BioFocus
Jon Mason	Heptares
Thorsten Nowak	Conformetrix
Richard Paupit	AstraZeneca
Zoran Rankovic	Lilly
Gordon Saxty (chair)	Astex
Mark Whittaker	Evotec

Contact/Secretariat

Maggi Churchouse, RSC-BMCS Secretariat, Maggi Churchouse Events, 3 Eat Barn, Market Weston Road, Theltham, Diss IP22 1JJ, UK  
Telephone and fax: +44 (0)1359 221004, e-mail: maggi@maggichurchouseevents.co.uk

Website: [www.maggichurchouseevents.co.uk/bmcs](http://www.maggichurchouseevents.co.uk/bmcs)

Final Announcement and Registration Form



Fragments 2013

4<sup>th</sup> RSC-BMCS Fragment-based Drug Discovery meeting

Monday to Tuesday, 4<sup>th</sup>-5<sup>th</sup> March 2013

STFC Rutherford Appleton Laboratory, Oxfordshire, UK



RSC | Advancing the Chemical Sciences



Organised by:  
RSC's Biological & Medicinal Chemistry Sector

# Programme

## Introduction

The aim of the 4th RSC-BMCS Fragment-based Drug Discovery meeting will be to continue the focus on case studies in Fragment-based Drug Discovery that have delivered compounds to late stage medicinal chemistry, preclinical or clinical programmes. The Fragment series was started in 2007 and continues with the theme, having over three-quarters of the presentations focused on case studies. The conference will include successful examples from all types of fragment-based approaches, including high concentration, NMR, SPR and X-ray screening.

## Pre-conference Training Course

The pre-conference training course on Sunday afternoon is designed to provided a basic level of knowledge and understanding to all who are new to fragment-based lead generation (FBLG). The course will introduce the key principles of fragment screening and fragment-based drug design, including screening methods and fragment library design considerations. This will be followed by a detailed review of fragment to lead case studies and discussion of how FBLG compares and fits in with other lead finding approaches. There will be opportunities for discussion, and the course will only be held if sufficient interest is evident, so please opt in on registration if you plan to attend. Minimum-maximum number of participants is 30-50.

## Programme

**Sunday, 3rd March** - Optional Training Course

- 15:00 History and basics of fragment-based drug discovery
- 15:30 Fragment library design and screening methodologies  
**Thorsten Nowak** (AstraZeneca), and **Samantha Hughes** (BioFocus)
- 16:00 Refreshments
- 16:30 Case studies in FBDD  
**Gordon Saxty** (Astex Pharmaceuticals)
- 17:00 Comparison to other technologies and challenges going forward  
**Mike Hann** (GlaxoSmithKline)
- 17:30 End of session, and transport to **hotel**

**Monday, 4th March**

- 10:20 Opening remarks
- 10:30 Little ones grow faster: from probes to fragments and leads  
**Gerhard Klebe** (Philipps-University of Marburg, DE)
- 11:15 New methods for biophysical screening of fragments  
**Dirk Ullmann** (Evotec, DE)
- 12:00 Flash poster presentations
- 12:30 Lunch, exhibition, and posters

**Monday, 4th March** continued

- 13:30 Technological developments to enhance fragment hit-to-lead  
**Tony Giannetti** (Genentech, US)
- 14:15 Identification of lactate dehydrogenase A inhibitors using fragment-based lead generation  
**Jon Winter** (AstraZeneca, UK)
- 15:00 Refreshments
- 15:30 Fragment screening experiences: biophysical filters and proteases  
**Ursula Egner** (Bayer Healthcare, DE)
- 16:15 The application of fragment-based drug discovery to a protein-protein interaction target  
**Gianni Chessari** (Astex Pharmaceuticals, UK)
- 17:00 Poster and exhibition session, and drinks reception
- 19:00 Conference dinner at STFC  
Transport to hotel

**Tuesday, 5th March**

- 08:30 Progressing fragments for challenging targets  
**Rod Hubbard** (University of York / Vernalis, UK)
- 09:15 Playing the system: focused fragments for kinases and bromodomainsK  
**Paul Bamborough** (GlaxoSmithKline, US)
- 10:00 Refreshments
- 10:30 Fishing from fragments into new chemical space  
**Dan Erlanson** (Carmot Therapeutics, US)
- 11:15 GPCR fragment-based drug discovery: from hits to leads to structures  
**John Christopher** (Heptares Therapeutics, UK)
- 12:00 Lunch, exhibition, posters, and tours of Diamond Synchrotron (limited places)
- 14:00 Applying multiple FBDD techniques to the same protein: synergy or destructive interference in hit finding?  
**Lawrence C Kuo** (Janssen Research & Development, US)
- 14:45 De novo fragment-based drug discovery of ITK inhibitors  
**Heather Twin** (Vertex, UK)
- 15:30 Refreshments
- 16:00 Fragment-based approaches towards drugging proteases  
**Steven J Taylor** (Boehringer-Ingelheim, US)
- 16:45 Robust central reduction of amyloid-b in humans with LY2811376 and LY2886721  
**Dustin J Mergott** (Eli Lilly and Company, US)
- 17:30 Closing remarks

# Abstract and Registration Information

## Posters

Posters are seen as an important part of the meeting and will be displayed throughout. Poster sessions will take place each lunchtime, and selected student speakers will be invited to present at the Flash Presentation session prior to the first poster session.

Abstract submission deadline is 21st December 2012, using the template on the website..

## Exhibition Opportunities

A limited number of trade stands can be accommodated, charged at £750 (excluding delegate), and will be allocated on a “first come, first served” basis. .Book early to avoid disappointment.

## Who should attend?

This conference is suitable for scientists interested in drug design including biologists, chemists, biophysicists, structural biologists and other relevant disciplines. This international meeting attracts delegates from the UK, several mainland European countries, as well as from the USA, Japan, China and South Korea. The organisers have organised a training course for those who are unfamiliar with FBDD.

## Registration

**Card payments:** Please register online via the website.

**Cheque and bank transfer payments:** Please complete and return the form overleaf or download a registration form from the website.

**Discounts:** We offer discounts to RSC members who quote their membership number and to students. Early-bird discounts apply to payments received by 29th December, and standard rates will apply thereafter. A late fee of £50 will be charged on registration payments received after 1st February.

**Cancellation:** In the event of cancellation before 15th February, 80% of the fee paid will be refunded. Refunds will not be possible after that date, although substitutions are possible at any time. In the unlikely event of cancellation of the meeting, fees paid will be refunded in full.

## Bursaries

The organisers have a limited number of bursaries available for students, with preference being given to poster presenters and RSC members. Bursaries applications must be received by 3rd January, using the application form on the website.

## Acknowledgements and Sponsorship Opportunities

Special thanks to STFC Rutherford Appleton Laboratory for hosting this event, and to Evotec for their generous support. If you wish to sponsor the event or to sponsor students to expand their knowledge in this area, please contact the secretariat for further information.

