

Pre-conference workshop

We are pleased to announce that we have completely changed the pre-conference workshop. It will contain new materials provided by new speakers compared with previous years. This will only be held if sufficient interest is evident, and will be offered free-of-charge to conference attendees.

Bursaries and Sponsorship

Bursaries will be available based on sponsorship of the event. If you wish to sponsor students to expand their knowledge in this area please contact the secretariat for further information.

Exhibition Opportunities

Those companies wishing to have a trade stand should apply early to avoid disappointment as these are limited. Details of fees may be found on the event website. Delegate pack inserts may be booked at £275.

Registration

Registration is open, and fees include the Sunday afternoon workshop, and Monday evening conference dinner (opt in required for both). Early rates for payments received by 21st January are:

£300 RSC member

£380 non-member

£155 RSC student* member

£195 student* non-member

* Student is undergraduate or post-graduate, not post-doc, and does not apply to students in paid employment. Member is a paid-up member of the RSC.

Accommodation and Conference Dinner

B&B accommodation at Churchill College in an en-suite bedroom is available to book at the time of registration for both Sunday and Monday, charged at £78 per night. The conference dinner on Monday will be held in the Old Courts Main Hall at Gonville and Caius College, and attendance is included in the registration fee.

Venue and Travel

Churchill College is a 15-minute walk from the centre of Cambridge. Travel to Cambridge is convenient by rail as well as by road.

Confirmed Sponsors

We are grateful to our confirmed sponsors:



Organising Committee

John Barker, Evotec
Mike Hann, GlaxoSmithKline
Samantha Hughes, AstraZeneca
Darryl McConnell, Boehringer Ingelheim
Thorsten Nowak, C4X Discovery
Gordon Saxty (chair), Fidelia
Alison Woolford, Astex Pharmaceuticals

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also www.rsc.org/bmcs

Call for Posters

Abstract deadline 1st February 2019. Selected student speakers will be invited to present at the flash presentation session prior to the poster session.

Second announcement and call for posters

Image kindly produced by John Barker of Evotec

Fragments 2019

7th RSC-BMCS Fragment-based Drug Discovery meeting

Sunday-Tuesday, 24th-26th March 2019

Churchill College, Cambridge, UK



Fragments 2019

Synopsis

The aim of the 7th 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.

Who should attend

This conference is suitable for scientists including all chemists as well as other important disciplines including biophysics, structural biology, etc. This international meeting attracts delegates from the UK, several mainland European countries, as well as from the USA, Japan, China and South Korea.

Programme

Sunday, 24th March - optional pre-conference workshop

- 14:30 Registration opens
- 15:00 *Introduction to FBDD*
Roderick Hubbard, University of York and Vernalis, UK
- 15:40 *X-ray crystallography: an essential tool in Fragment Discovery but how to know its limitations*
John Barker, Evotec, UK
- 16:15 Refreshments
- 16:45 Which fragment hit do I use?
Alison Woolford, Astex Pharmaceuticals, UK
- 17:20 Why fragments are the best training ground for our next generation of drug hunters
Darryl McConnell, Boehringer Ingelheim, Austria
- 18:00 Close
Buffet dinner

Monday, 25th March

- 09:40 Registration and refreshments
- 10:20 *Opening remarks*
Speaker to be confirmed
- Session chair:
- 10:30 *The Lundbeck approach to FBDD in the CNS drug space: from weak fragments to the PDE1 inhibitor development candidate*
Mauro Marigo, Lundbeck, Denmark
- 11:15 *Enabling drug discovery against the Bcl-2 family of proteins - from fragments to clinical candidates*
Roderick Hubbard, University of York and Vernalis, UK, and
Andras Kotschy, Servier Research Institute of Medicinal Chemistry, Hungary
- 12:00 Flash poster presentations
- 12:30 Lunch, poster session, and exhibition

Fragments 2019

Programme (continued)

Monday, 25th March (continued)

- Session chair:
- 13:30 *Learnings from fragment based lead generation for ROR γ*
Yafeng Xue, AstraZeneca, Sweden
- 14:15 *Fragment based lead discovery at Merck*
Payal Sheth, Merck and Co, USA
- 15:00 Refreshments, exhibition and posters
- 15:30 *Fragment-based discovery of JAK1 inhibitors with excellent subtype selectivity*
Andreas Ritzén, LEO Pharma, Denmark
- 16:15 *Twenty years of thinking small*
Harren Jhoti, Astex Pharmaceuticals, UK
- 17:00 Close
- 18:40 Walk to conference dinner
- 19:00 Reception and conference dinner at Gonville and Caius College

Tuesday, 26th March

- Session chair:
- 09:00 *Fragment-based approaches to covalent inhibitors*
György M Keserü, Hungarian Academy of Sciences, Hungary
- 09:45 *Fragment-based stabilization of 14-3-3 Protein-Protein Interactions*
Christian Ottman, Eindhoven University of Technology, The Netherlands
- 10:30 Refreshments, exhibition and posters
- 11:00 *Fragment-based discovery of chemical probes for new targets*
Paul Brennan, Structural Genomics Consortium, University of Oxford, UK
- 11:45 *Activity-based proteomics - protein and ligand discovery on a global scale*
Ben Cravatt, The Scripps Research Institute, USA
- 12:30 Lunch, exhibition and posters
- Session chair:
- 13:30 *Kinetic fragment discovery, fragment recombination, and a cure for the common cold?*
Edward Tate, Imperial College London, UK
- 14:15 *Enabling FBDD for GPCRs with protein engineering and biophysics*
Rob Cooke, Sosei Heptares, UK
- 15:00 Refreshments, exhibition and posters
- 15:30 *Tractability assessment and hit ID using photoreactive fragments (PhABits)*
Jacob Bush, GlaxoSmithKline, UK
- 16:15 *Nanomolar KRAS inhibitors using fragments, NMR and Xray*
Dirk Kessler, Boehringer-Ingelheim, Austria
- 17:30 Closing remarks
Gordon Saxty, Fidelia, Croatia

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