

General Information

Venue, Travel and Accommodation

Venue: Auditorium Robert Cawthorne, Business Centre, Actelion, Hegenheimermattweg 95, Allschwil, CH-4123 Basel, Switzerland. More travel information may be found on our website.

Travel: 15 minutes by car from the international EuroAirport Basel-Mulhouse. Please refer to our website for more travel information. Tram travel within Basel is free-of-charge when staying at a local hotel.

Accommodation: preferential rates have been negotiated at three of the many hotels in Basel - please refer to our website.

Conference Dinner

The conference dinner will be held in the historic Zunftsaal at the Safran Zunft in old Basel on Tuesday evening. The dinner is included in the registration fee.

Organising Committee

Adrian Hall	UCB (Co-chairman)
Simon Peace	GlaxoSmithKline (Co-chairman)
Xavier Leroy	Actelion
Caroline Low	Consultant
Jon Mason	Heptares Therapeutics Ltd
David Miller	Takeda Cambridge Ltd

Registration

Up until 30th June

£310 RSC or SCI member

£390 Non-member

£95 RSC or SCI student* members

£130 Non-member student*

From 1st July

£370 RSC or SCI member

£460 Non-member

£110 RSC or SCI student* member

£155 Non-member student*

* Student is undergraduate or post-graduate student, not post-doc.

A late payment fee of £50 will apply to all payments received after 9th August.

Students and Bursaries

Some student bursaries are available from the RSC and SCI, up to maximum values of £400 and £250 respectively. The closing date for bursary applications is 30th July, and those submitting abstracts were considered more favourably. Please download a bursary application form from the website.

Secretariat Contact

Maggi Churchouse, 3 East Barn, Market Weston Road, Theltham, Diss IP22 1JJ, UK

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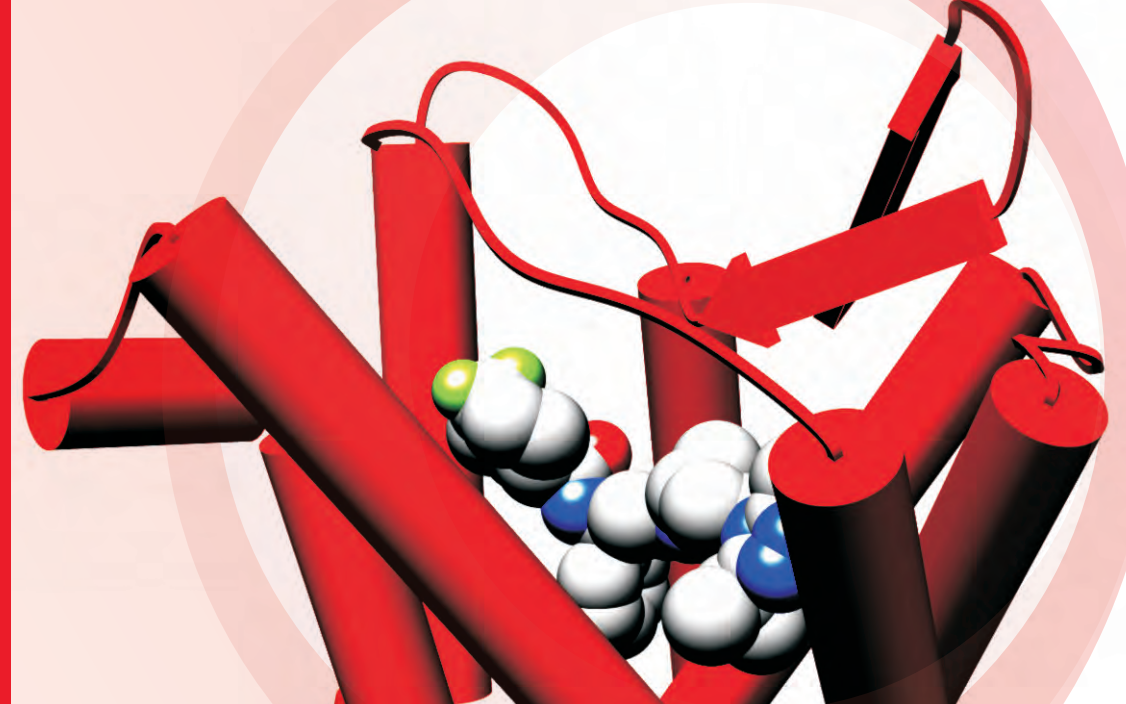
E-mail: maggi@maggichurchousevents.co.uk

Websites

Event: www.maggichurchousevents.co.uk/bmcs

RSC: www.rsc.org/bmcs

SCI: www.soci.org/events



Second announcement & call for posters

5th RSC / SCI Symposium on GPCRs in Medicinal Chemistry

Monday-Wednesday 15th-17th September 2014

Actelion, Allschwil, Basel, Switzerland



Organised by:
RSC's Biological & Medicinal Chemistry Sector and
SCI's Fine Chemicals Group

Introduction and Programme

Synopsis

The key role of G protein-coupled receptors (GPCRs) in human disease underpins their importance to modern medicine.

We are pleased to announce that Actelion, Switzerland will support the fifth meeting in this series on GPCR drug discovery, which will combine cutting edge medicinal chemistry with innovative structural biology and novel drug design approaches.

Themes of the meeting

- New technologies for GPCR research
- Lead generation approaches
- Case studies in GPCR drug development
- Allosteric modulation
- New ligands for peptide hormone receptors
- Structural biology and drug design
- First disclosures of clinical candidates
- Medicinal chemistry case studies from leading industrial scientists
- Insights from new X-ray structures

Programme

Monday, 15th September

- 08:30 Registration and refreshments
09:25 Opening remarks
09:30 Exploring GPCR structure and function
Bernadette Byrne, Imperial College London, UK
10:10 Allosteric modulation of G protein-coupled receptors: alternative ways to train slippery serpent(ine)s
David Hall, GlaxoSmithKline, UK
10:50 Refreshments and exhibition
11:20 Discovery of TGR5 (GPBAR1) agonists
David Piotrowski, Pfizer, US
12:00 Progress towards novel metabotropic glutamate receptor 4 (mGlu4) positive allosteric modulators for CNS disorders
Sylvain Célanière, Addex Therapeutics, CH
12:40 Lunch and exhibition
13:40 CRTh2: can residence time help?
Rick Roberts, Ammirall, ES
14:20 mGluR5 antagonists: from discovery to clinical development
Fabrizio Gasparini, Novartis, CH
15:00 CB2 agonists as novel treatments for kidney diseases
Uwe Grether, F Hoffmann-La Roche Ltd, CH
15:40 Refreshments and exhibition
16:10 Evolving stable GPCRs for drug screening and structural analysis
Andreas Plückthun, ETH Zurich, CH
16:50 The structural basis for ligand efficacy in the β_1 -Adrenoceptor
Chris Tate, MRC Laboratory of Molecular Biology, UK
17:40 Close

Tuesday, 16th September

- 09:00 Molecular basis for the unique dissociation kinetics of macitentan - a novel endothelin receptor antagonist
John Gatfield, Actelion, CH
09:40 Structure-based drug design with G protein-coupled receptors: the discovery of highly selective M1 agonists
Giles Brown, Heptares, UK
10:20 Refreshments, exhibition and posters
10:50 What lessons can we learn from 20 years of chemokine receptor drug discovery?
John Cumming, AstraZeneca, UK
11:30 From structure-based chemogenomic reflection to in silico prediction of GPCR-ligand interactions
Chris de Graaf, VU University Amsterdam, NL

Tuesday, 16th September (continued)

- 12:10 Lunch, exhibition and posters
(Two workshops will run by Chemical Computing Group during this two-hour session)
14:10 Identification of new selective, orally active mGluR5 positive allosteric modulators (PAM): lead generation SAR and effects in animal models of schizophrenia
Susana Conde, Janssen, ES
14:50 Late breaker
15:20 Late breaker
15:50 Refreshments, exhibition and posters
16:20 Novel GPR40 agonists for the treatment of type-2 diabetes
Chafiq Hamdouchi, Lilly, US
17:00 The discovery of glucagon receptor antagonists for clinical development
Emma Parmee, Merck, US
17:40 Close
19:00 Conference dinner

Wednesday 17th September

- 09:00 GPCRs: application of a multivalent approach
Dan Long, Theravance, US
09:40 Identification of novel GPR81 agonist lead series for target biology evaluation
Ola Fjellström, AstraZeneca, SE
10:10 Refreshments
10:40 GPR81 agonists for the treatment of dyslipidaemia and atherosclerosis
Richard Davenport, Takeda, UK
11:05 Structural insights in the molecular causes of congenital stationary night blindness
Ankita Singhal, Paul Scherrer Institute, CH
11:30 Crystal structures of the human adenosine A_{2A} receptor: from agonist binding to the activation mechanism
Guillaume Lebon, CNRS, FR
12:10 Close

Call for Posters

Posters are invited for display throughout the meeting. Please download a template and send a one-page abstract to the secretariat by 30th July.

Sponsorship and Exhibition

Exhibition packages include stand space, electrical and wi-fi access, and full attendance at the technical programme, poster session and conference dinner. Limited exhibition packages are priced at £1,000 including one full delegate (or £1,250 with two full delegates).

Sponsorship of this event is encouraged, and we are most grateful to our confirmed sponsors below.



Please contact the secretariat for information about exhibition and sponsorship opportunities.

