

7½th RSC / SCI Symposium on GPCRs in Medicinal Chemistry

The meeting will consist of:

First disclosures of clinical candidates
Case studies in GPCR drug discovery and development
New structural biology and drug design
Allosteric modulation & biased signalling
Two afternoon sessions on 24th and 25th February
Exhibitor opportunities

Registration

Registration is open.
£75 RSC or SCI member*
£100 Non-member
£35 RSC or SCI student** member
£50 Student** non-member

* Member is paid-up member of the RSC or SCI.

** Student is undergraduate or post-graduate, not post-doc, and does not apply to students in paid employment.

Exhibitor Opportunities

We are offering two alternative packages to our valued supporters:

- Exhibitor Sponsorship Package, charged at £150
- Speaker Sponsorship Package, charged at £250 - fully booked

Full details of both packages may be found on the event website. Both packages exclude any delegate registration.

Organising Committee

Daniele Andreotti, Evotec
Adrian Hall (co-chairman), UCB
Duncan Hay (treasurer), Vertex
Caroline Low (co-chairman), Google Deepmind
Nigel Swain, Sosei Heptares

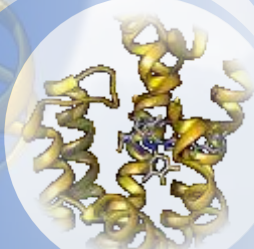
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Secretariat Contact

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Also <https://www.rscbmcs.org/events> and www.soci.org/events



7½th RSC / SCI symposium on GPCRs in Medicinal Chemistry

Wednesday & Thursday, 24th & 25th February 2021

A virtual symposium

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



Synopsis

The key role of G protein-coupled receptors (GPCRs) in human disease underpins their importance to modern medicine. We are pleased to be holding this 7½th interim meeting in the series on GPCR drug discovery, which will combine cutting edge medicinal chemistry with innovative structural biology and novel drug design approaches.

Programme

Wednesday, 24th February

Session chair: **Adrian Hall**, UCB, BE

13.00 *Opening remarks*

13.05 *The resolution revolution: GPCR structure-based drug design in 20:20 vision (in 2021)*
James Errey, Evotec, UK

13.40 *Automated cartridge-based synthesis: a new Tool for medicinal chemists*
Paula Nichols, Synple Chem, CH

13.45 *Structurally enabled discovery of orally bioavailable macrocyclic antagonists of the Calcitonin Gene-Related Peptide (CGRP) receptor*
Andrew Cansfield, Sosei Heptares, UK

14.20 Refreshment break

Session chair: **Barbara Bertani**, Evotec, IT

14.35 *The Confo Therapeutics technology platform enabling GPCR fragment-based drug discovery*
Christel Menet, Confo Therapeutics, BE

15.10 *Activate Scientific: chemistry services for drug discovery*
Mike Crebbin, Activate Scientific, UK

15.15 *Discovery of brain penetrant vasopressin 1a receptor antagonists*
Hasane Ratni, F Hoffmann-La Roche, CH

15.50 Open discussion

16.15 Close

Thursday, 25th February

Session chair: **Daniele Andreotti**, Evotec, IT

13.00 *Opening remarks*

13.05 *Structure of a β_1 -adrenoceptor coupled to either a G protein mimetic or β -arrestin1: implications for biased drug development*
Chris Tate, Laboratory of Molecular Biology, Medical Research Council, UK

13.40 *BLD - accelerating drug discovery*
Andrew Fraser, BLD Pharmatech, DE

13.45 *Receptor mutations meets ligand SAR: a powerful tool to aid computational modelling*
Anneli Nordqvist, AstraZeneca, SE

14.20 Refreshment break

Session chair: **Caroline Low**, Consultant, UK

14.35 *The challenging task of modulating the GABA_B receptor: an academic perspective*
Claudia Mugnaini, University of Siena, IT

15.10 *Integrated drug discovery for GPCR targets*
Steve Hastwell, BioAscent Discovery, UK

15.15 *BAY 2395840 - a potent and selective hBradykinin B1 receptor antagonist, generated within the Bayer-Evotec Strategic Alliance*
Adam Davenport, Evotec, UK

15.50 *Closing remarks*
followed by Open discussion

16.15 Close



Supported by:



EUROPEAN FEDERATION
FOR MEDICINAL CHEMISTRY
AND CHEMICAL BIOLOGY

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Website: <https://www.maggichurchousevents.co.uk/bmcs>

Also <https://www.rscbmcs.org/events> and www.soci.org/events