

Overview

The meeting will consist of:

- Clinical candidates
- Case studies in GPCR drug discovery and development
- New structural biology and drug design
- Allosteric modulation & biased signalling

Also: poster session - trade exhibition opportunities - two evening dinners and vineyard visit - accommodation agency booking service

Venue and Travel

Aptuit, Verona, Italy is a 7.5-mile taxi ride from the Verona Villafranca airport, and a 3.5 mile taxi ride from Verona Porta Nuova railway station. Aptuit is 3.5 miles from Verona city centre depending on hotel.

A coach service will be provided gratis between central Verona and Aptuit at the beginning and end of each day. Registered attendees will be contacted nearer the time regarding their requirements.

Exhibitors

Exhibition packages are available, priced at:

£1,320 Exhibition stand including one full delegate

£1,740 Exhibition stand including two full delegates

Each exhibition package includes full attendance at the technical programme, poster sessions, Monday evening dinner, and Tuesday evening vineyard visit and dinner. See our website for additional information.

Accommodation and Evening Dinners

For all accommodation requests (including last-minute bookings), we suggest you use the 24-hour service provided by Verona Booking.

The registration fees include dinners on Monday and Tuesday evening, vineyard tour and all coach travel.

Monday: Networking dinner at Ristorante San Matteo Church. Includes choice of pasta or pizza, dessert and drinks

Tuesday: Conference event with tour of Tommasi vineyard and aperitif followed by dinner at Villa Quaranta.

Registration, Students and Bursaries

Registration is open, and registration fees include Monday evening's dinner and Tuesday evening's vineyard visit and dinner.

Early rates for payments received by 5th June

£430 RSC or SCI member

£530 Non-member

£180 RSC or SCI student* member

£228 Student* non-member

Discounted rates are offered to RSC and SCI members and to students, and some student bursaries are available - closing date 30th July.

Sponsors

Special thanks to Aptuit for supporting this event.

Additional sponsors would be welcomed.



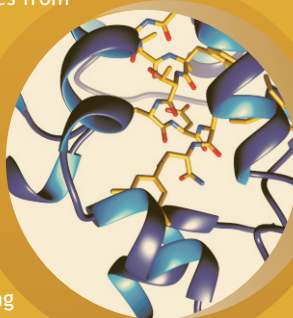
Secretariat Contact

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Twitter Hashtag

#GPCRsVerona



Third announcement and call for posters

7th RSC / SCI Symposium on GPCRs in Medicinal Chemistry

Monday-Wednesday, 10th-12th September 2018

Aptuit, Verona, Italy



Organised by

RSC's Biological and Medicinal Chemistry Sector, and SCI's Fine Chemicals Group



7th RSC / SCI Symposium on GPCRs in Medicinal Chemistry

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 Aptuit, Italy will support the seventh meeting in this series on GPCR drug discovery, which will combine cutting edge medicinal chemistry with innovative structural biology and novel drug design approaches.

Call for Posters

Applications for poster presentation are welcome. Posters will be displayed throughout the meeting and applicants should indicate whether they wish to be considered for a flash oral presentation when submitting an abstract. Please download a template and send it to the secretariat by 11th July 2018.

Programme (provisional)

- Day 1 Monday, 10th September
- 08.30 Registration and refreshments
Session chair: **Fabrizio Micheli**, Aptuit, Italy
- 09.20 *Opening remarks*
Simone Braggio, VP Drug Design and Discovery, Aptuit, Italy, and
David Miller, Co-chairman of the GPCRs Organising Committee, UK
- 09.30 *Keynote: GPCR Consortium: four years of progress in structural biology*
Michael Hanson, GPCR Consortium, USA
- 10.20 *The discovery of novel dopamine D1 positive allosteric modulators for the treatment of neurodegenerative disorders*
Erik Hembre, Lilly, USA
- 10.50 Refreshments, exhibition and posters
- 11.20 *Ligand and sidechain mutations by FEP simulations: two sides of the same coin to determine binding modes on GPCRs*
Hugo Gutiérrez de Terán, Uppsala University, Sweden
- 11.50 *Discovery of selective Orexin-1 receptor antagonists: optimization of selectivity, pharmacokinetics and brain penetration*
Brock Shireman, Janssen, USA
- 12.20 Lunch, exhibition and posters
- Session chair: **Sarah Skerratt**, Vertex Pharmaceuticals, UK
- 13.30 *Trisubstituted cyclohexanes as dual antagonists of CCR2 and CCR5*
Robert Cherney, BMS, USA
- 14.00 *Discovery of potent spiroazetidone-indolinones as M1 positive allosteric modulators*
Carolina Martinez Lamencas, Janssen, Belgium
- 14.20 Refreshments, exhibition and posters
- 14.50 *Keynote: Application of structure-based drug design to peptidergic GPCRs*
Miles Congreve, Heptares Therapeutics, UK
- 15.40 Flash poster presentations
- 16.20 Poster session and drinks reception
- 18.30 Coaches depart for evening dinner restaurant
- 19.00 Dinner at Ristorante San Matteo Church, Verona city centre, followed by free time

- Day 2 Tuesday, 11th September
- Session chair: **David Miller**, Inflazome, UK
- 09.30 *Keynote: Structure and mechanism of human CNS GPCRs*
Daniel Rosenbaum, University of Texas Southwestern Medical Center, USA
- 10.20 *Mining structural GPCR-ligand interaction maps to navigate medicinal chemistry space*
Chris de Graaf, Heptares Therapeutics, UK, and Vrije Universiteit Amsterdam, The Netherlands
- 10.50 Refreshments, exhibition and posters
- 11.20 *Disclosure of the clinical candidate BAY-840, a potent and selective hBradykinin B1 receptor antagonist for the treatment of chronic inflammatory diseases, generated within the Bayer-Evotec strategic alliance*
Adam Davenport, Evotec, UK
- 11.50 *Novel and potent spirocyclic compounds as ghrelin receptor agonists*
Cristina Gardelli, AstraZeneca, Sweden
- 12.20 Lunch, exhibition and posters
- Session chair: **Caroline Low**, Consultant, UK
- 13.30 *Keynote: Allosteric modulators of GPCRs: theoretical and practical considerations*
Arthur Christopoulos, Monash University, Australia
- 14.20 *Hits and misses in the application of FEP to different classes of GPCRs*
Herman van Vlijmen, Janssen, Pharmaceutical Companies of Johnson & Johnson, USA
- 14.50 Refreshments, exhibition and posters
- 15.20 *Rapid identification and optimization of a novel CGRP receptor antagonist chemotype*
Brendan Crowley, Merck, USA
- 16.10 *Chemical optimization of centrally acting anti-obesity agents*
Lothar Schwink, Sanofi-Aventis Deutschland, Germany
- 16.40 Close
- 16.50 Coaches depart for evening visits
- 17.30 Arrive Tommasi vineyard
- 18.40 Travel to Villa Quaranta
- 19.10 Arrive Villa Quaranta, dinner
- 21.20 Depart Villa Quaranta
- 22.00 Arrive Giardini PradaVal, Verona city centre
- Day 3 Wednesday, 12th September
- Session chair: **Adrian Hall**, UCB, Belgium
- 09.30 *Keynote: Shedding light on G protein bias: structures of GPCRs coupled to G proteins determined by cryo-EM and X-ray crystallography*
Chris Tate, MRC Laboratory of Molecular Biology, UK
- 10.20 *Program building and chemical devalidation of GPR39 agonism as a diabetes target*
Stefan Peukert, Novartis Institute of Biomedical Research, USA
- 10.50 Refreshments, exhibition and posters
- 11.20 *Triazolo-pyrimidines as adenosine receptor antagonists: an overview*
Stephanie Federico, Università degli Studi di Trieste, Italy
- 11.50 *GPCR hit identification via DNA-encoded libraries and optimization towards therapeutic agents for inflammation and oncology*
Andy McRiner, X-Chem Pharmaceuticals, USA
- 12.20 *Identification of highly selective orexin 1 receptor antagonists: structure-based scaffold modifications to improve subtype selectivity and synthesis of a novel bicyclic scaffold*
Uta Lessel, Boehringer Ingelheim, Germany
- 12.50 Lunch, exhibition and posters
- Session chair: **Caroline Low**, Consultant, UK
- 13.50 *GPCR drug discovery with structural insights*
Xiaomin Chen, Pfizer, USA
- 14.20 *Discovery of Balovaptan, a vasopressin 1a receptor antagonist for the treatment of autism*
Patrick Schnider, Roche, Switzerland
- 14.50 *Closing remarks*
Adrian Hall, Co-chairman of the GPCRs Organising Committee, UK
- 15.00 Close and depart

