



Second announcement and call for abstracts

Image created by Caroline Low

7th RSC / SCI Symposium on GPCRs in Medicinal Chemistry

Monday-Wednesday, 10th-12th September 2018

Aptuit, Verona, Italy



BIOLOGICAL AND
MEDICINAL
CHEMISTRY
SECTOR

Organised by

RSC's Biological and Medicinal Chemistry Sector, and
SCI's 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 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 Abstracts

Applications for oral and poster presentations 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 2nd January (oral) or 11th July 2018 (poster).

Confirmed Speakers

Allosteric modulators of GPCRs: theoretical and practical considerations

Arthur Christopoulos, Monash University, AU

GPCR Consortium: four years of progress in structural biology

Michael Hanson, GPCR Consortium, US

Structure and mechanism of human CNS GPCRs

Daniel Rosenbaum, University of Texas Southwestern Medical Center, US

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

Trisubstituted cyclohexanes as dual antagonists of CCR2 and CCR5

Robert Cherney, BMS, US

Application of structure-based drug design to peptidergic GPCRs

Miles Congreve, Heptares Therapeutics, UK

Mining structural GPCR-ligand interaction maps to navigate medicinal chemistry space

Chris de Graaf, Vrije Universiteit Amsterdam, NL

Novel and potent spirocyclic compounds as ghrelin receptor agonists

Cristina Gardelli, AstraZeneca, SE

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, DE

GPCR drug discovery with structural insights

Xiayang Qiu, Pfizer, US

Chemical optimization of centrally acting anti-obesity agents

Lothar Schwink, Sanofi-Aventis Deutschland, DE

Brock Shireman, Janssen, US

Accommodation and Evening Dinners

Verona Booking will provide an online booking service for hotels in Verona. The registration fee will include dinners on Monday and Tuesday evenings and a vineyard tour.

Venue and Travel

Aptuit, Verona, Italy is 7.5-miles from Verona Villafranca airport, 3.5 miles from Verona Porta Nuova railway station, and approx 3.5 miles from Verona city centre. Transport will be provided from Verona city centre on a daily basis.

Exhibitors and Sponsors

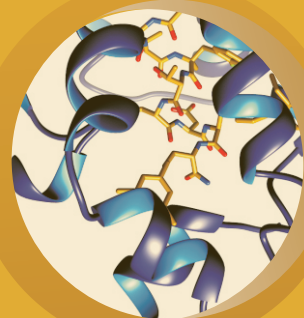
See the website for details of exhibition opportunities. Special thanks to Aptuit for supporting this event. Additional sponsors would be welcomed.



Secretariat Contact

Maggi Churchouse, telephone +44 (0)1359 221004, maggi@maggichurchousevents.co.uk

Website: www.maggichurchousevents.co.uk/bmcs



Twitter Hashtag

#GPCRsVerona

Registration, Students and Bursaries

Registration is open, and early bird rates apply until 5th June (see website). Discounted rates are offered to RSC and SCI members, and some student bursaries are available - closing date 30th July.

Organising Committee

Adrian Hall (co-chairman), UCB

Caroline Low, Consultant

Jon Mason, Heptares Therapeutics

Fabrizio Micheli, Aptuit

David Miller (co-chairman),
Inflazome

Sarah Skerratt (treasurer), Vertex