Announcement of virtual symposium

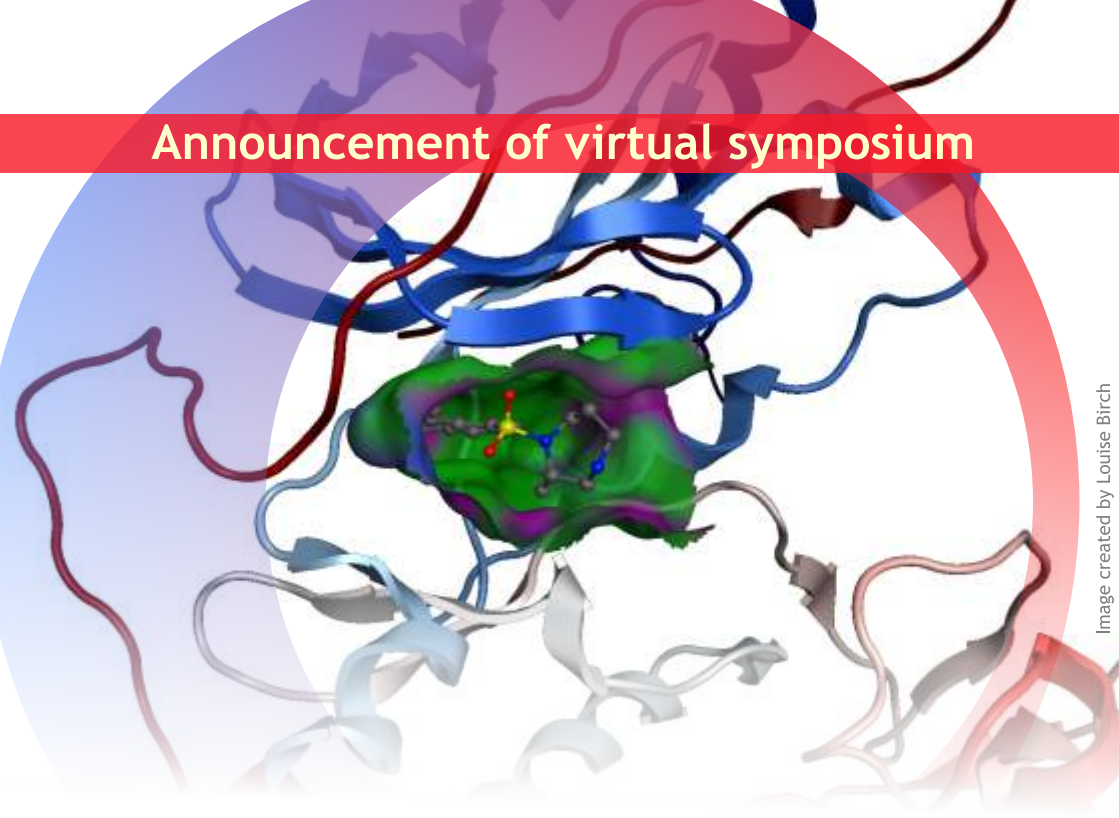


Image created by Louise Birch

31st Symposium on Medicinal Chemistry in Eastern England

Please note new date

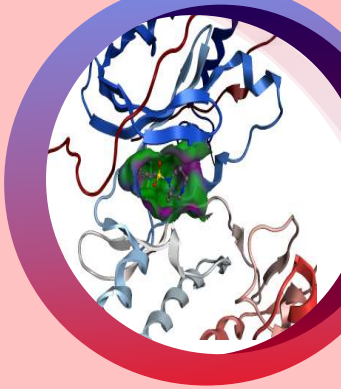
Thursday 26th November 2020

A virtual meeting - online only

RSC INTEREST GROUP
BIOLOGICAL AND MEDICINAL CHEMISTRY SECTOR

Organised by RSC-BMCS (Royal Society of Chemistry's Biological and Medicinal Chemistry Sector)

Synopsis



The Symposium on Medicinal Chemistry in Eastern England, known colloquially as the "Hatfield MedChem" meeting, is a highly successful, long-standing, one-day meeting which runs annually. The scientific program will comprise presentations showcasing medicinal chemistry case studies from tools to candidates, across a range of modalities, therapeutic areas and target classes, as well as covering more general topics from the forefront of drug discovery of relevance to medicinal chemists. The meeting aims to offer excellent scientific opportunities for all those working in medicinal chemistry and drug discovery.

Programme

09.00 Welcome and introduction

09.05 *PROTACs as biological tools and achieving bioavailability beyond the Rule of Five* - **Daniel O'Donovan**, AstraZeneca

09.45 *Safe, effective and versatile devices for photoredox chemistry: light at the end of the tunnel* - **Arran Solomonsz**, Asynt

09.50 *Discovery of a novel series of small molecule modulators of TNFa binding and signalling* - **Dan Brookings**, UCB

10.30 Refreshment break

10.50 *Structure-based drug design of Calcitonin Gene-Related Peptide (CGRP) receptor antagonists* - **Andrew Cansfield**, Sosei Heptares

11.30 *Prep HPLC from Teledyne ISCO: taking the hard work out of method development with our new focused gradient generator* - **Lisa Sargeant**, Teledyne ISCO

11.35 *The Power of One … discovery of the first selective and non-covalent small molecule inhibitors of DNMT1* - **Ali Raoof**, Drug Discovery Unit, CRUK Manchester Institute

12.00 Lunch

12.30 Networking session - meet the speakers

13.00 **Capps Green Zomaya Award presentation lecture**: *Molecular simulation strategies for ensemble-based drug design* - **Julien Michel**, University of Edinburgh

13.45 *The challenges of targeting RNA modifying enzymes as drug targets* **Wesley Blackaby**, Storm Therapeutics

14.10 *Building a PROTACs toolbox for contract research* - **Tom Coulter**, Selvita

14.15 *Expanding the medicinal chemist's tool box: recent highlights in synthetic chemistry* **Robert Griffiths**, Charles River

14.40 Refreshment break

15.00 *Design and synthesis of Janus kinase inhibitors for inhaled delivery and the importance of aldehyde oxidase metabolism in the lung* - **Christopher Wellaway**, GlaxoSmithKline

15.40 *Cartridge-based automated synthesis - a new tool for the medicinal chemist* **Paula Nichols**, Synple Chem

15.45 *Key aspects of fragment-based drug discovery and structure-based drug design strategies from the development of PPI clinical compounds* - **Louise Walsh**, Astex

16.25 Networking session - meet the speakers

16.55 Concluding remarks and close

Registration

Registration is open and fees range from £27 to £75.

Organising Committee

Adrian Hall, UCB (Treasurer)
Nicole Hamblin, Charles River (Chair)
David Hirst, GlaxoSmithKline

Sponsors

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#HatfieldMedChem20

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