Conformational Design in Drug Discovery 2024

Thursday 7th March 2024
GSK Conference Centre,
Stevenage, UK
Synopsis
Conformational Design has played a key role in the medicinal chemistry of small molecule clinical candidates over the last 20 years. A key learning from multiple projects supported by experimental free ligand NMR solution conformations and protein-ligand X-ray structures is that the bioactive conformation of potent ligands is highly populated in solution. Ligand rigidification has been particularly successful in the design of selective and potent protein-protein interaction inhibitors and is becoming an increasingly important approach for PROTACs, molecular glues and other new modalities. This new RSC-BMCS event aims at building a community that shares conformational design strategies, technologies, and successful case studies. It will complement other rational drug design events and promote more successful research into future medicines.

Who should attend?
This symposium will provide great learnings for medicinal chemists, computational chemists, structural biologists, biophysicists and NMR analytical chemists with an academic or industry interest in drug discovery. Prior knowledge in conformational design will not be required.

Call for oral abstracts
Applications for oral presentations and scientific posters are most welcome. Please visit the BMCS event website using the link at the bottom of this poster for further information.

Confirmed speakers
Prof. Jan Kihlberg
Department of Chemistry
Uppsala University, Sweden

Gianni Chessari, Ph.D.
Senior Vice President, Head of Chemistry, Astex Therapeutics

Elisabetta Chiariparin, Ph.D.
Senior Director, Medicinal Chemistry, GlaxoSmithKline

Martin Packer, Ph.D.
Senior Principal Scientist, Oncology Comp. Chemistry, AstraZeneca UK

Prof. Alessio Ciulli
Director of Centre for Targeted Protein Degradation, University of Dundee

Organising committee
Markus Schade, AstraZeneca (Chair)
Tim Barrett, GSK
Chris Swain, Cambridge MedChem Consulting (Treasurer)
Sharan Bagal, AstraZeneca
Elisabetta Chiariparin, GSK
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To find out more, visit the BMCS website by using the URL or by scanning the QR code here:
https://www.rscbmcs.org/events/conformationaldesign24/