

## RECENT TRENDS IN MEDICINAL CHEMISTRY AND ENABLING TECHNOLOGIES

Thursday 5 December 2024

Burlington House, Piccadilly, London W1J 0BQ, UK

Joint meeting with Biological and Medicinal Chemistry Sector of the Royal Society of Chemistry

This meeting is supported by:



### PROGRAMME

09.00 - 09.55      Arrival, registration and coffee

09.55 - 10.00      Welcome and introduction

#### Session 1

Chair: Nadia Ahmad

10.00 - 10.40      1-1 Optimisation of Potent, Efficacious, Selective and Blood-Brain Barrier Penetrating Inhibitors Targeting EGFR Exon20 Insertion Mutations  
*Bill McCoull, AstraZeneca*

10.40 - 11.20      1-2 Targeted Delivery of Oligonucleotide Therapeutics using Bicycle® Peptide Technology  
*Megan St Denis, Bicycle Therapeutics*

11.20 - 12.00      1-3 Covalent fragment technologies for therapeutic target discovery and validation  
*Jake Bush, GSK*

**12.00 - 13.00**      **Lunch break and exhibitors**

**Session 2**

**Chair: Giorgia Kidd**

**13.00 - 13.40**      **2-1 Discovery of potent, selective classes of LIMK inhibitors for the treatment of FXS and AML**

***Alex Baldwin, Cardiff University, Medicines Discovery Institute***

**13.40 - 14.20**      **2-2 Reimagining the Drug Discovery Process in the AI Age**

***James Dale, Pharmenable Therapeutics***

**14.20 - 14.50**      **Coffee break and exhibitors**

**Session 3**

**Chair: Daniel O Donovan**

**14.50 - 14.55**      **Introducing the SMR Early Career Researchers subcommittee**

**14.55 - 15.30**      **3-1 Using Direct-to-Biology in a spectral shift-PoLiPa platform to enable fast fragment follow-up for A2a antagonists**

***Joe Mason, Domainex***

**15.30 - 16.10**      **3-2 Discovery of ASTX295: A bone-marrow sparing MDM2 Antagonist. From concept to clinic**

***Steve Howard, Astex Pharmaceuticals***

**16.10 - 16.50**      **3-3 Confounding factors in targeted degradation of short lived proteins**

***Giorgia Kidd, University of Dundee, Centre for Targeted Protein Degradation***

**16.50 - 17.00**      **Closing comments and meeting close**