

Drug Discovery 2016

ACC, LIVERPOOL

13th - 14th October 2016



#ELRIGDD16

Innovations in Chemistry

THURSDAY 13TH OCTOBER: ROOM 3

Advances in medicinal chemistry and chemical biology continue to drive innovation in drug discovery, unlocking new modes of action and the potential to address 'undruggable' targets. This session will focus on the increasingly recognised ability of small molecules to rewire biomolecular interactions through exploitation of unconventional binding modes, and remarkable recent progress in manipulating key pathways through multi-protein and nucleic acid complexes. Case studies range from cutting edge and disruptive concepts, through to novel approaches that have delivered candidates to the clinic.

CHAIRS: Simon Ward, University of Sussex Ed Tate, Imperial College London

TIME	SPEAKER	TITLE
8:45 - 9:30	PLENARY KEYNOTE: ROOM 3 Professor Chas Bountra Oxford SGC - University of Oxford	TBA
9:30 - 9:45	Session Chairs	Introduction and Welcome
9:45 - 10:30	Ben Davis Oxford University	Sugars and Proteins
10:30 - 11:00	Hasane Ratni Roche	Specific Correction of Alternative Survival Motor Neuron 2 (SMN2) Splicing by Small Molecules: Discovery of a Potential Novel Medicine to Treat Spinal Muscular Atrophy
11:00 - 11:30	COFFEE BREAK	
11:30 - 12:00	Stephan Seiber TU Munich	Chemical Tools to Manipulate Bacterial Virulence
12:00 - 12:30	POSTER TASTERS	
12:30 - 13:00	SNAPSHOT PRESENTATIONS - Dundee University Drug Discovery Unit, TTP Labtech, Gilson	
13:00 - 14:30	LUNCH - EXHIBITION - POSTERS	
14:30 - 15:15	PLENARY KEYNOTE: ROOM 3 Professor Munir Pirmohamed David Weatherall Chair in Medicine, Royal Liverpool University Hospital	Drug Safety in Drug Development
15:15 - 15:45	John Harling GlaxoSmithKline	Beyond Small Molecule Inhibition: New Possibilities Through Induced Intracellular Protein Degradation
15:45 - 16:15	Christian Ottman Eindhoven	Small-Molecule Stabilization of 14-3-3 PPIs: Possible New Approaches in Cancer, Cystic Fibrosis and Parkinson's Disease.
16:15 - 16:45	Andy Merritt MRC Technology	From Fragment Hits to Selective Nanomolar Inhibitors of Human PAICS Without X-ray
16:45 - 17:45	POSTER SESSION	
17:00 - 19:00	DRAGON'S DEN/NETWORKING/DRINKS RECEPTION	

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