

## Programme

- 0900 Registration and refreshments  
0950 *Welcome, opening remarks and housekeeping announcement*

### **First session - Chairman: John Skidmore, University of Cambridge**

- 1000 *Trials and tribulations of inhibiting kinases*  
Nadia Ahmad, Vertex Pharmaceuticals
- 1030 *A protein functionalization platform based on selective reactions at methionine*  
Jennifer Nelson, University of Cambridge
- 1100 *In vitro myeloid differentiation using a new generation of potent human dihydroorotate dehydrogenase inhibitors*  
Stefano Sainas, University of Torino, Italy
- 1130 Student flash presentations (prior to lunchtime poster competition)  
21 presentations each of two minutes
- 1215 Lunch and poster session

### **Second session - Chairman: Douglas Williamson, Vernalis Research**

- 1330 *The development of Microtubule Affinity Regulating Kinase (MARK) inhibitors*  
Martin Ambler, LifeArc
- 1400 *Hi-JAK-ing the Ubiquitin system: the design and physicochemical optimisation of isoform-specific JAK PROTACs*  
Rishi Shah, University of Strathclyde
- 1430 *Thorough design and biophysical characterisation yields a highly sensitive reporter molecule for detecting protein binding by <sup>19</sup>F NMR*  
Vieira de Castro, University of Dundee
- 1500 *PhABits – PhotoAffinity Bits to study protein-ligand binding*  
Emma Grant, University of Strathclyde
- 1530 Refreshments

# Programme

## **Third session - Chairman: Dave Alker, Chemistry Recruitment Consultant**

- 1600 *Next generation drug discovery: TIME, an integrated micro-fluidics based chemistry platform*  
Alexander Alanine, Nanna Therapeutics
- 1630 *Synthesis, computational and biological evaluation of novel benzimidazole compounds for the treatment of Cryptococcus neoformans*  
Gina Washbourn, University of Liverpool
- 1700 *Piezo1 modulators: small molecules and force*  
Kevin Cuthbertson, University of Leeds
- 1730 *Design and synthesis of dual ALK-BRD4 inhibitors*  
Ellen Watts, Institute of Cancer Research
- 1800 *Closing remarks*  
Dave Alker, Chemistry Recruitment Consultant
- 1810 Wine mixer
- 1830 Presentation of prizes
- 2000 Close

## Poster Listing

**Notice to flash slide presenters:** If you are presenting your Flash poster slide today, please sit close to the edges of the theatre. We will run in the order which is listed here below. If you are the first speaker, please introduce yourself to the chairman of the session. The next speaker should approach the stage whilst the presentation is ongoing. Note: the slide will change automatically to the next slide on a two-minute timer. The chairman of the session will move the slide forward if you finish early.

- P01 *Anti-adhesives for the treatment of recurrent urinary tract infection by uropathogenic E. coli (UPEC): synthesis of octyl-C-glycoside derivatives*  
Shayma Ahmad, Bangor University
- P02 *Studies of hydroxycoumarin biosynthesis using isotopically labelled cinnamic acids*  
Pamela Amegbletor, University of Bath
- P03 *All systems are flow: a continuous flow approach to the synthesis of anti-malarials*  
Blake Baker, University of Strathclyde
- P04 *Hypoxia-activated epigenetic prodrugs*  
Ewen Calder, University of Oxford
- P05 *Bioorthogonal decaging for targeted-activation of anti-inflammatory drugs*  
Sarah Davies, University of Cambridge
- P06 *3,3-diaryloxetanes: new opportunities for drug discovery*  
Maryne Dubois, Imperial College London
- P07 *A novel fragment based approach to the design of FXIa inhibitors for the management of thrombosis*  
Holly Foster, University of Leeds
- P08 *From high throughput screen to biological evaluation of endoplasmic reticulum aminopeptidase inhibitors for cancer immunotherapy*  
Floriane Gibault, The Institute of Cancer Research
- P09 *The design, synthesis and evaluation of novel ubiquitin ligase inhibitors*  
Gregory Hughes, University of East Anglia
- P10 *Chemical tools to probe the role of bromodomains in the parasite Trypanosoma cruzi*  
Corentine Laurin, University of Oxford
- P11 *Development and characterisation of cell-active tool compounds to evaluate tyrosine phosphatase biology*  
Jack Lownes, University of Manchester
- P12 *Rational design of covalent inhibitors for a bacterial glycosyltransferase*  
Camille Metier, King's College London
- P13 *Design of short cationic peptides with potential antimicrobial activity*  
Ilaria Passarini, University of Hertfordshire

## Poster Listing

- P14 *Targeting cyclophilin D for the treatment of acute pancreatitis*  
Michael Rogers, University of Liverpool
- P15 *Bioorthogonal chemistry approaches to the cellular imaging of PI3K $\delta$  inhibitors*  
Maxime Rouah, University of Strathclyde
- P16 *Chemical tools to probe the function of TRIM33*  
Amy Scolah, University of Oxford
- P17 *Mimicking inositol phosphates with carbohydrate-based ligands*  
Megan Shipton, University of Oxford
- P18 *Elucidation of insect olfaction in the pea aphid, acyrthosiphon pisum*  
Cassie Sims, Rothamsted Research
- P19 *Enhanced binding affinity of backbone-modified Locked Nucleic Acid (LNA) oligonucleotides for therapeutic targets*  
Cameron Thorpe, University of Oxford
- P20 *Development of novel tetraoxane containing endoperoxide antimalarials*  
Christopher Woodley, University of Liverpool
- P21 *Gallic acid and other dietary phenolics from black and greencurrants inhibit PTP1B in vitro*  
Sisir Kumar Barisk, University of Aberdeen