

Tuesday 23 September 2014

Session: Membrane Proteins. CHAIR: Walter Huber			
08:30	Rob Cooke	Heptares	Engineering GPCRs to enable biophysical and structural studies for fragment-based drug discovery
09:00	Seva Katritch	Scripps	GPCR Structures for Fragment Based Ligand Discovery and Optimization
09:30	Sylvia Huber	Uni ZH, Roche	Fragment screening of GPCR with SPR
09:50	COFFEE		
Session: Success Stories (3). CHAIR: Christian Wiesmann			
10:40	Lee Walmsley	Vernalis	Choosing and using fragments in the generation of selective kinase inhibitors
11:10	Andreas Lingel	Novartis	Engineering stability improvement of B-Raf kinase enables lead-finding by biophysical fragment-based screening
11:30	Jon Read	AstraZeneca	A dual fragment / biochemical screening approach to targeting InhA, a well validated target in Tuberculosis
11:50	Pooja Sharma	WEHI, Australia	Fragment based discovery of protein-protein interaction site ligands of a cytokine signalling pathway: Towards non-ATP competitive JAK2 inhibitors
12:10	LUNCH + POSTER + EXHIBITS		
Session: Chemistry. CHAIR: Martin Drysdale			
14:00	Dario Neri	ETH Zurich	Novel tumor targeting agents from DNA-encoded chemical libraries
14:30	Roman Manetsch	USF / Northeastern	Kinetic target-guided synthesis: A fragment evolution strategy based on bioorthogonal reactions
14:50	Damian W. Young	Baylor College	Synthesis and screening of novel fragments derived from diversity-oriented synthesis
15:10	Chris Wilson	UCSF	Come tether with me: Fragment discovery by site-directed disulphide capture
15:30	COFFEE		
Session: Success Stories (4) and late-breaking abstracts. CHAIR: Teddy Zartler			
16:10	Rob van Montfort	ICR, London	Fragment-based screening maps inhibitor interactions in the ATP-binding site of checkpoint kinase 2
16:30	Matthew Clifton	Beryllium	A full court press to tackle the “undruggable” with fragments
16:50	Dalia Hammoudeh	St Jude’s Hospital, Memphis	Identification and characterisation of an allosteric inhibitory site on dihydropteroate synthase
19:00	CONFERENCE DINNER		