

Sunday 7th October 2018

12:00 - 18:00	Registration Open		
Introductory tutorials - separate registration required			
13:15	Rod Hubbard	Vernalis/University of York	Overview/History/The complete process (include fragment library design)
14:00	Ben Davis	Vernalis	How to find fragments that bind
14:45	Coffee		
15:15	Dan Erlanson	Carmot Therapeutics	Using fragments to generate hits and leads
16:00	End of Tutorial Session		
Vendor Workshops - Free to All			
16:00	5 minute pitch from each vendor (TBD)		
16:20 - 17:40	Three Parallel sessions in different rooms by each vendor		
18:00 - 21:00	Opening Reception: Food, Drinks and Networking - sponsored by ZoBio		

Monday 8th October 2018

08:15	Welcome: Derek Cole & Chris Smith		
Session 1: Technologies. Chair: Dan Erlanson			
08:30	Benjamin F. Cravatt	The Scripps Research Institute	Keynote Lecture: Activity-based proteomics – protein and ligand discovery on a global scale
09:20	Gregory B Craven	Imperial College London	Quantitative irreversible tethering (qIT) for target-directed covalent ligand discovery
09:40	Sara M. Oie Solbak	University of Copenhagen	Identification of fragments for developing inhibitors of the p47phox-p22phox interaction
10:00	Coffee - sponsored by Domainex		
Session 2: Success Stories. Chair: Dan Erlanson			
10:30	Andy Bell	Excientia Ltd	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus
11:00	Steve Woodhead	Takeda	Structure Guided Optimization of Exquisitely Selective Inhibitors of TANK Binding Kinase 1 (TBK1) for the Treatment of Type I Interferon Driven Diseases
11:30	Poster presenters	Various	Rapid-fire poster introductions
12:00	Lunch + Posters + Exhibits		
Session 3: Technologies. Chair: Vicki Nienaber			
13:30	Christopher W. Murray	Astex	Keynote Lecture: Review of impact of x-ray on FBDD
14:10	Elizabeth Donohue Vo	UCSF, Biodesy, Inc.	Identification of allosteric modulators of KRas using second harmonic generation
14:30	John J. Quinn	Genentech	Practical exploitation of SKR in FBLD using SPR
15:00	Coffee - sponsored by Evotec		
Session 4: Success Stories. Chair: Vicki Nienaber			
15:30	Vivek K. Vishnudas	Berg LLC	Fragment based ligand discovery to identify modulators of a ubiquitin conjugating enzyme, a novel oncology target.
16:00	Rosa Maria Rodriguez Sarmiento	Hoffmann-La Roche	Design of Potent and Drug Like Non Phenolic Inhibitors for Catechol O-Methyl Transferase Derived from a Fragment Screening Approach
16:30	Fredrik Edfeldt	AstraZeneca	Ligandability screening using thermal shift assays (TSA)
17:00-18:00	Poster session with drink reception. Hor d'oeuvres served		
Free Evening			

Tuesday 9th October 2018			
Session 5: Success Stories. Chair: Chris Murray			
08:30	Patrick S Lee	Novartis	Identification of New LpxC Inhibitor Chemotypes via Scaffold Hopping - An Exercise of Chemical Space Exploration of Fragment-Like Molecules
09:00	Lena Muenzker	Novartis	Fragment-Based Discovery of Novel Active and Allosteric Site Binders of <i>T. Brucei</i> Farnesyl Pyrophosphate Synthase
09:30	Andrew M. Petros	AbbVie	Fragment-based discovery of a potent NAMPT inhibitor
10:00	Coffee		
Session 6: FBDD on Membrane Proteins. Chair: Chris Murray			
10:30	Md Habibur Rahaman	University of Queensland	Targeting TIR domain assemblies in TLR signalling pathways to design anti-inflammatory compounds
10:50	Pedro Serrano	Takeda	Biophysics approaches to investigate GPCRs
11:20	Miles Congreve	Sosei Heptares	Keynote Lecture: Discovery of Modulators of GPCRs using Fragment-Based Drug Discovery
12:00	Lunch + Posters + Exhibits		
Session 7: Technologies. Chair: Mary Harner			
13:30	Pawel Sledz	University of Zurich	In Silico-Driven Discovery of ATAD2 Bromodomain Blockers with Fuzzy Binding Mode
14:00	Sandor Vajda	Boston University	Fragment based analysis of cryptic sites on proteins. FTMap
14:30	Dominic Tisi	Astex	Recent Approaches to Enable Crystallography Applications in FBLD
15:00	Coffee		
Session 8: Technologies. Chair: Mary Harner			
15:30	Rob Heetebrij	ZoBio	TINS screening on Hsp70. Identification of allosteric pocket
16:00	John Barker	Evotec Ltd	High Throughput Fragment Screening via Crystallography
16:30	Gabriel C. Lander	The Scripps Research Institute	Easier, Better, Faster, and More Accessible: Using cryo-electron microscopy to visualize biological targets
17:00 - 17:30	Depart for pier to board cruise ship		
18:00 - 21:00	Evening Dinner Cruise		

Wednesday 10th October 2018			
Session 9: Success Stories. Chair: Martin Scanlon			
08:30	Keith McDaniel	AbbVie	Fragment-based, structure-enabled approach to the discovery of BET family protein inhibitor Mivebresib (ABBV-075)
09:00	Geqing Wang	Monash	Fragment-based development of diaryl ethers as inhibitors of <i>Ec</i> DsbA
09:20	Mary J. Harner	BMS	Fragment-Based Discovery of KAT II Inhibitors via High-Throughput Chemistry
09:50	Coffee		
Session 10: Success Stories. Chair: Martin Scanlon			
10:20	Paul A. Sprengeler	eFFECTOR	Structure-based Design of eFT508 Targeting Dysregulated Translation by Selective MNK1/2 Inhibition
10:50	Charles A. Wartchow	Novartis	Fragment-based screening campaigns with protein complexes
11:20	Stephen K. Burley	RCSB Protein Data Bank, Rutgers University & UCSD	Keynote Lecture: Structural-guided Drug Discovery: Insights from the Protein Data Bank
12:00	Closing Comments: Rod Hubbard		