

Chemical Biology Meets Drug Discovery 2022- Preliminary Programme

Monday 12th September (Day 1)	
09:00	Registration, Tea and Coffee, Exhibitors and Poster set up
10:00	Welcome Dr Ben Schumann, <i>Francis Crick Institute</i> , and Dr Manuela Tosin (CBBG Chair), <i>University of Warwick, UK</i>
10:10	Session 1: Introduction Sam Dalton
10:15	Rational design of Targeted Protein Degraders Dr Elisabetta Chiarparin, <i>AstraZeneca UK</i>
10:45	The Franklin (and friends') Anti-Covid19 Nanobody Efforts Prof James H. Naismith, <i>Rosalind Franklin Institute, UK</i>
11:15	Discovery of Selective and Orally Bioavailable SMARCA2 Degraders Dr William Farnaby, <i>University of Dundee, UK</i>
11:35	Selected Poster Flash Presentations
12:05	Lunch and Poster Session
13:55	Session 2: Introduction Ellen Gallimore
14:00	Novel Mechanisms Emerging from Target Agnostic Screens Dr Deborah M. Rothman, <i>MSD, USA</i>
14:30	Controlling Self-Assembly into Amyloid Using Small Molecules Prof Sheena Radford, <i>Astbury Centre for Structural Molecular Biology, Leeds, UK</i>
15:00	Antibody Discovery to Target Protein Self-Assemblies Dr Francesco A. Aprile, <i>Imperial College London, UK</i>
15:20	Tea and Coffee (sponsored by Bioorg. Med. Chem. And Bioorg. Med. Chem. Lett.)
15:55	Session 3: Introduction Manuela Tosin
16:00	Understanding TRPC1/4/5 Channel Pharmacology through Chemical/ Structural biology Dr Robin Bon, <i>University of Leeds, UK</i>
16:20	Lighting the Way: Function-Guided Proximity Mapping & Precision Signaling Interrogations Open up New Opportunities Prof Yimon Aye, <i>Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland</i>
16:50	Design of bioactive small molecules targeting RNA (talk sponsored by Benevolent AI) Prof Matthew D. Disney, <i>Scripps Research Institute, USA</i>
17:20	Day 1 Concluding Remarks and Reception

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Tuesday 13 th September (Day 2)	
08:30	Registration, Tea and Coffee
09:15	Session 4: Introduction Jeannine Hess
09:20	Discovery of Small Molecules to Manipulate Cell Fate <i>In Vivo</i> : Towards New Therapies for Degenerative Diseases Prof Angela J. Russell, <i>Oxford University</i>
09:50	Reactive Fragments in Chemical Biology at GSK Dr Jonathan Pettinger, <i>GSK, UK</i>
10:20	Modular Synthetic Platform for Elaborating Fragments to 3-D Lead Compounds for Fragment Based Drug Discovery Prof Peter O'Brien, <i>University of York, UK</i>
10:40	Selected Poster Flash Presentations
11:10	Tea and Coffee
11:45	Session 5: Introduction Chair tbd
11:50	Probing Malaria Parasite Egress Prof Michael J. Blackman, <i>Francis Crick Institute, UK</i>
12:20	Discovery and Characterization of Novel Chloropyrimidines as Covalent Inhibitors of MSK1 Dr Karine Poullennec, <i>UCB, Belgium</i>
12:50	Killing TB from the Outside by Glycan Targeting Dr Collette Guy, <i>University of Warwick, UK</i>
13:10	Lunch and Poster Session
14:35	Session 6: Introduction Ben Schumann
14:40	Activity-Based Glycosidase Profiling (talk sponsored by Vertex Pharmaceuticals) Prof Herman Overkleeft, <i>Leiden University, The Netherlands</i>
15:10	Chemical biology of the anti-cancer STING pathway Prof Lingyin Li, <i>Stanford University, USA</i>
15:40	Prizes and Concluding Remarks Manuela Tosin, Ben Schumann