

2022 Biological Structures Group Winter Meeting

Dynamic Structural Biology

Monday 12th December at The Francis Crick Institute, London

Time	Program
10:00 – 10:30	Arrival/Coffee Session 1: Chair Mike Hough (Diamond Light Source)
10:30 – 10:35	Mike Hough – Welcome
10:35 – 11:05	Doryen Brubeck (Imperial College, London) – CD59: the gate keeper to pore formation.
11:05 – 11:35	Sofia Jaho (Diamond Light Source) – Time resolved crystallography at I24.
11:35 – 12:05	Briony Yorke (University of Bradford) - Using time-resolved crystallography to investigate the UV damage mechanisms leading to cataract formation.
	Session 2: Chair Mark Sanderson (King's College, London)
13:00 – 13:30	Helen Walden (University of Glasgow) - Regulation of the Fanconi Anemia pathway by ubiquitin.
13:30 – 14:00	Mike Hough (Diamond Light Source) - Ambient temperature and serial crystallography to explore the mechanisms of heme enzymes.
14:00 - 14:10	Rigaku Exhibitor Talk
14:10 – 14:40	Isabel Moraes (DeepMind) - New approaches to prepare high-density membrane protein microcrystals in LCP for serial crystallography.
	Session 3: Chair Claire Naylor (SPTLabtech)
15:10 – 15:40	Halina Mikolajek (Diamond Light Source)- A high-throughput crystallisation facility interacting with the new VMXi beamline at the Diamond Light Source.
15:40 – 16:10	Paul Miller (University of Cambridge) - Using structure to understand how ligands modulate GABA-A receptor function.
16:10 – 16:20	Douglas Instruments Exhibitor Talk.
16:20 – 16:50	Radoslav Enchev (Francis Crick Institute) - Visual biochemistry.
16:50	Mike Hough – Close