



P4EU Meeting at The Francis Crick Institute



Programme for the 14th P4EU meeting – Monday 3rd of December 2018

Time	Speaker	Title
8.30-9.00	Registration and refreshments	
9.00-9.15	Dr Svend Kjær, Francis Crick Institute, London	Welcome
9.15-9.30	Dr Nick Berrow, IRB, Barcelona	P4EU
9.30-10.00	Dr Donald Benton, Francis Crick Institute, London	Structure of full-length Influenza Haemagglutinin determined by cryo-EM
10.00-10.30	Dr Frank Bernhard, Goethe Universität, Frankfurt am Main	Cell-free production of membrane protein complexes
10.30-11.00	Coffee break	
11.00-11.30	Dr Imre Berger, University of Bristol	The MultiBac baculovirus/insect cell system for multiprotein complex production
11.30-12.00	Fabien Bonneau, MPI for Biochemistry-Munich	Expression of Large Protein Complexes in HEK293 Stable Pools
12.00-12.30	Dr Florian Weissman, Francis Crick Institute, London	Expressing multi-subunit complexes using biGBac
12.30-12.50	Dr Patrik Eickhoff, Francis Crick Institute, London	"Microscale purification of reconstituted eukaryotic replisome assemblies for cryo-EM studies"
13.00-14.00	Lunch	
14.00-14.20	Dr Veronique Birault, Francis Crick Institute, London	Translational activities at the Crick
14.20-14.50	Dr Mohammed Ismael, Francis Crick Institute, London	Characterisation of a cyclic peptide that binds the p110 α -RBD and blocks its interaction with RAS
14.50 -15.30	Dr Darren Tomlinson, The Astbury Centre for Structural Molecular Biology, University of Leeds	'Affimers – novel tools for studying protein function'
15.30-16.00	Coffee Break	
16.00-16.30	Dr Nicola Burgess-Brown, SGC, Oxford	A BacMam Expression Pipeline to Produce Human Membrane Proteins for Structural and Functional Studies
16.30-17.00	(New)P4EU member 2	TBC
17.00-17.30	NanoTemper (Sponsor talk)	TBC

Social event with food and drinks for P4EU delegates, speakers and sponsors at Norfolk Arms (<https://norfolkarms.co.uk/>) from 19.00 onwards



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Time	Speaker	Title
9.00-9.30	Arrival and coffee	
9.30-10.00	Dr Birgit Dreier, University of Zurich	Binders for Challenging Tasks - A High-Throughput DARPIn Selection and Validation Pipeline
10.00-10.30	Dr Bjørn Voldborg, DTU Biosustain, Novo Nordisk Foundation Center for Biosustainability, Copenhagen	Using a CRISPR/Cas9 based HT cell engineering platform to obtain hard to produce proteins
10.30-11.00	New P4EU member 3	TBC
11.00-11.30	Coffee break	
11.30-12.00	Dr Mario Lebendiker, Hebrew University of Jerusalem	New insights in IEX-MALS, a recent analytical application coupling Ion Exchange Chromatography to Multi Angle Light Scattering
12.00-12.30	Dr Renaud Vicentelli, Laboratoire Architecture et Fonction des Macromolécules Biologiques, Marseilles	HTP production of a newly designed library of soluble human single and tandem PDZ domains allows semi-quantitative PDZ-peptide interaction screening through HTP holdup assay
12.30-13.30	Lunch	
13.30-14.15	Dr James Errey, Heptares Therapeutics, Ltd	Fusing structural and biophysical characterisation of GPCRs for drug discovery
14.15-14.45	Dr Yoav Peleg, Weizmann Institute of Science, Rehovot	The P4EU PROSS benchmark
14.45-15.10	Dr Ross Kettleborough, Technical Director for Europe, Twist Biosciences (Sponsor talk)	You Design It, We Build It
15.10-15.40	P4EU-related matters	
15.40-16.10	Tour of the Crick	
	End of meeting	