

Sunday

03/07/2022

Workshop		Protein Protein Interactions	Ruth Deech Building (F)
		<i>Sandra Orchard</i>	
		<i>Ed Hutlin</i>	
		<i>Kalpana Panneerselvam</i>	
1000-1100		arrival & Tea/coffee (tbc)	Foyer B
1100-1145		Experimental methods for studying PPI	Seminar room 8
1145-1230		Integration of PPI databases as in IMEx consortium and PSICQUIC	Seminar room 8
1230-1330		Lunch	Foyer B
1330-1430		IntAct database for accessing IMEx data - theory	Seminar room 8
1430-1530		Computational analysis of MS interaction data	Seminar room 8
1530-1600		The Complex Portal	Seminar room 8
1600-1630		Coffee/Tea	Foyer B
1630-1715		Large-scale profiling of the human interactome	Seminar room 8
1715-1745		Visualisation of PPI using IntAct Cytoscape	Seminar room 8

Monday

04/07/2022

0900-1200		Registration	Lecture Theater (D)
1045-1100		Welcome address (Stephen Pennington)	Lecture Theater (D)
1100-1200	<i>Anne Claude Gingras</i>	Proximity-dependent sensors for signaling	Lecture Theater (D)
1200-1330		Lunch/Posters/Trade	Marquee
1330-1450		Session 1: Enabling Technologies (Sara Zanivan)	Lecture Theater (D)
1330-1410	<i>Perdi Barran</i>	Lightfootprinting proteins	
1410-1430	<i>Alex von Kriegsheim</i>	Loss of KDM8/JMJD5 alters lipid metabolic pathways in hepatocellular carcinoma identified by its proteome, metabolome and lipidome profiling	
1430-1450	<i>Gina Eagle (Sciex)</i>	PTM site localization and isomer differentiation of phosphorylated peptides	
1500-1530		Coffee/Trade	Marquee
1530-1650		Session 2: Chemical Biology (Karin Barnouin)	Lecture Theater (D)
1530-1610	<i>Sabine Flitsch</i>	Cascading Biocatalysis	
1610-1630	<i>Ed Tate</i>	A transformational palmitoyl transferase chemical genetic system for the deconvolution of specific ZDHHC substrates and S-acylation sites	
1630-1650	<i>Aini Vuorinen</i>	Cysteine reactive fragment profiling against the DUBome by chemoproteomics	
1700-1730		Coffee/Trade	Marquee
1730-1800		Flash talks	Lecture Theater (D)
1800-2000		Wine/Nibbles/Posters	Marquee

Tuesday

05/07/2022

0830-0950		Session 3: Towards P5 medicine (Rainer Cramer)	Lecture Theater (D)
0830-0910	<i>Manuel Mayr</i>	Proteomics for a New Era of Cardiovascular Precision Medicine	
0910-0930	<i>Rosie Maher</i>	The relationship between lung disease severity and the sputum proteome in cystic fibrosis	
0930-0950	<i>Melissa Grant</i>	Discovery, validation and diagnostic ability of multiple protein-based biomarkers in saliva and GCF to distinguish between health and periodontal diseases.	
1000-1030		Coffee/Trade	Marquee
1030-1150		Session 4: Imaging and Spatial (Sarah Hart)	Lecture Theater (D)
1030-1110	<i>Melanie Bailey</i>	Nanocapillary sampling applied to single cells and tissues – a new tool for spatial proteomics?	
1110-1130	<i>Harry Whitwell</i>	SP3 Based Sample Preparation from Low-Concentration, Large Volume Glial Nuclei Automated, Rapid, Parallel Protein Extraction for	
1130-1150	<i>Nicolas Autret (Covaris)</i>	Analysis of Low Input FFPE, Fresh Tissue and Cells Clinical Samples	
1200-1330		Lunch/Posters/Trade	Marquee
1215-1315		YPIC	Marquee
1330-1450		Session 5: Systems/Networks (Jyoti Choudhary)	Lecture Theater (D)
1330-1410	<i>Mike Gillette</i>	Deep integrated proteogenomics reveals new biology and therapeutic vulnerabilities in non-small cell lung and breast cancers	
1410-1430	<i>Charlie Barker</i>	A multiomics study of acquired BRAF-V600E drug resistance in melanoma.	
1430-1450	<i>Aymen Al-Rawi</i>	non-catalytic CDK1 subunits promote kinase consensus switching to non-proline directed phosphorylation	
1500-1530		Coffee/Trade	Marquee
1530-1650		Session 6: Bioinformatics (Sandra Orchard)	Lecture Theater (D)
1530-1610	<i>Evangalia Petsalaki</i>	Towards a human data-driven reference kinase-substrate probabilistic network	
1610-1630	<i>Anjan Venkatesh</i>	Proteomic compensation and collateral loss of paralogs in cancer cell lines	
1630-1650	<i>Theo Platt (Seer)</i>	Proteograph Analysis Suite: A cloud-scalable software suite for proteogenomics data analysis and visualization.	
1700-1800		Coffee/Trade	Marquee
1715-1800		BSPR AGM	Lecture Theater (D)
1800-1900		Plenary	
	<i>Matthew Collins</i>	The challenges and opportunities of studying ancient proteins	Lecture Theater (D)
1930-2230		Conference Dinner/Quiz	Dinning hall (E)
2230-?		Open bar in the College	College bar (J)

Wednesday

06/07/2022

0830-0950		Session 7:BMSS (Neil Oldham)	Lecture Theater (D)
0830-0910	<i>Claire Eyers</i>	Cys-centered cell signaling	
0910-0930	<i>Jack Penny</i>	A gas phase fractionation scheme integrating ion mobility for rapid diaPASEF library generation	
0930-0950	<i>Alejandro J Brenes</i>	Mass spectrometry based proteomics identifies a temporal interferon signature and hallmarks of delayed recovery in the neutrophil proteomes of COVID-19 patients	
1000-1030		Coffee/Trade	Marquee
1030-1150		Session 8: One Health Research (Paul Skipp)	Lecture Theater (D)
1030-1110	<i>Alfredo Castello</i>	When viral RNA met the cell: a story of protein-RNA interactions	
1110-1130	<i>Jenny Ho (Thermo)</i>	An Automated Sample Preparation Platform for Robust Micro-flow LC-MS Proteomics Analysis in Mammalian Peripheral Blood Mononuclear Cells	
1130-1150	<i>Sarah Hart</i>	Proteomics investigation of the role of BBS9 in Leishmania infectivity	
1200-1315		Lunch/Trade	Marquee
1215-1300		YPIC	Marquee
1315-1330		Poster/young investigator awards	
1330-1450		Session 9: Next Gen Tech (Shabaz Mohammed)	Lecture Theater (D)
1330-1410	<i>Hagan Bayley</i>	Nanopore proteomics	
1410-1430	<i>Xiao Qin</i>	Single-cell Signalling Analysis of Tumour Microenvironment Organoids	
1430-1450	<i>Edward Emmott</i>	Prioritised SCoPE2-based analysis of post-translational modifications at single-cell level	
1450-1520		Coffee/Trade	Marquee
1520-1620		Plenary	Lecture Theater (D)
	<i>Peter Ratcliffe</i>	Signalling oxygen levels by protein hydroxylation	
1625		END	