

11 December 2017

Time	Event	Session chair
10:00	Registration	
10:30	Introduction and welcome	
Session 1		
10:40	<b>Extensive non-canonical phosphorylation in human cells revealed using strong-anion exchange-mediated phosphoproteomics</b>  Claire Evers	Cai-Guang Yang <i>Chinese Academy of Sciences</i>
11:10	<b>Chemo-enzymatic approach for detecting glycan structures</b>  Wen Yi	
11:40	Coffee break	
12:00	<b>Chemical synthesis of interferon gamma</b>  Suwei Dong	
12:30	<b>Stabilising i-Motif DNA secondary structures: sequences, cations and ligands</b>  Zoë Waller	
13:00	Lunch	
Session 2		
14:00	<b>Radical mechanisms in SAM enzymes</b>  Qi Zhang	Sarah Barry <i>King's College London</i>
14:30	<b>Natural products: the inspiration for new antibiotics</b>  Chris Willis	
15:00	Coffee break	
15:20	<b>Fluorescent imaging of <i>in vivo</i> metabolic states with genetically encoded fluorescent biosensors</b>  Yi Yang	
15:50	<b>Chemical tools for the investigation and the exploitation of natural product assemblies</b>  Manuela Tosin	
16:20	Flash presentations	
16:50	Poster session	
18:00	Close	

12 December

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Session 3		
09:30	<b>Photo-controllable fluorescent proteins for live-cell super-resolution microscopy</b> Pingyong Xu	Carmen Galan <i>University of Bristol</i>
10:00	<b>Adventures in chemical biology – palladium mediated <i>in situ</i> synthesis and <i>in vivo</i> optical imaging</b> Mark Bradley	
10:30	<b>Development of drug design methods and applications in first-in-class drug discovery</b> Jian Zhang	
11:00	Coffee break	
11:20	<b>Development of inhibitors for mRNA demethylase</b> Cai-Guang Yang	
11:50	<b>Conformationally constrained peptides as tools for chemical biology</b> Andrew Jamieson	
12:20	Lunch	
Session 4		
13:30	<b>Chemical physiology of protein conjugates and natural products</b> Gonçalo Bernardes	Patrick Steel <i>University of Durham</i>
14:00	<b>Photo-clickable peptides or microRNAs with chemical biological applications</b> Yan Zhang	
14:30	Coffee break	
14:50	<b>Study of functional nucleic acids</b> Tian Tian	
15:20	<b>Towards understanding the energy coupling mechanism of respiratory complex I: defining the proton-coupled electron transfer reaction at Fe–S cluster N2 using hyperfine EPR spectroscopy</b> Maxie Roessler	
15:50	Poster prizes	
16:30	Close	