

Programme	
Tuesday, September 3	
09:00	Registration / Coffee & Tea / Exhibition
	Session 1: Keynote Lecture
	Chair, Prof. Robin Leatherbarrow
09:30	Application of Micro-array Platforms <i>Mark Bradley, School of Chemistry, University of Edinburgh</i>
10:30	Coffee & Tea / Exhibition / Posters
	Session 2: Methodology
	Chair: Ulf Reimer
10:45	High content peptide microarrays <i>Renate Sekul, PepPERPrint</i>
11:10	The use of CLIPS-technology in peptide arrays <i>Peter Timmerman, Pepscan</i>
11:35	Design of Peptide Arrays - lessons learned <i>Nicola O'Reilly, CRUK London Research Institute</i>
11:55	Inkjet Technology for Peptide Array Synthesis <i>Iain McWilliam, Arrayjet</i>
12:25	Towards High-complexity and High-quality Peptide Microarrays <i>Alexander Nesterov-Müller / Christopher Schirwitz, Karlsruhe Institute of Technology</i>
13:00	Lunch / Exhibition / Posters
	Session 3: Posters
	Poster authors should be in attendance throughout the poster session
	Session 4: Biophysical & Bioengineering Applications of Peptide Arrays
	Chair: Peter Timmerman
14:15	Bioorganic Nanodots: Principles, Physics and Applications <i>Gil Rosenman, Tel Aviv University</i>
15:00	Electrochemical kinase sensors based on reversible structural transitions in peptidic monolayers <i>Shlomo Yitzchaik, The Hebrew University, Jerusalem</i>
15:30	Coffee & Tea / Exhibition / Posters
	Session 5: Post-translational Modification
	Chair: Pat Kiely
16:00	Peptide Ligand Discovery for Acetyl-lysine Readers <i>Panagis Filippakopoulos, University of Oxford</i>
16:30	The Challenge of Complexity: High-content peptide libraries to display sequence diversity and posttranslational modifications <i>Ulf Reimer, JPT Peptide Technologies</i>
17:00	Application of peptide arrays in the specificity analysis of protein lysine methyltransferases and methyllysine binding domains <i>Srikanth Kudithipudi, University of Stuttgart</i>
17:30	Close of Day 1



Wednesday, September 4	
	Session 6: The Interactome
	Chair: George Baillie
09:00	Selectively Uncoupling EPAC1 from its Regulators: Disrupting Peptides Allow Selectivity in Vascular Cells
	<i>Donald Maurice, Queen's University, Kingston, ON</i>
09:30	Using peptide arrays to decipher and target protein-protein interactions in signalling pathways
	<i>Pat Kiely, University of Limerick</i>
10:00	The SH3 domains of the multi-functional adaptor protein CD2AP recognise the Rab-GEF Rin3 via atypical SH3 binding motifs
	<i>Jenny Rouka, University of Oxford</i>
10:20	Decyphering the antibodyome – peptide microarrays for routine high throughput seroanalytics
	<i>Carsten Grötzinger, Charité, Berlin</i>
10:40	Coffee & Tea / Exhibition / Posters
	Session 7: Peptide Arrays in Drug Discovery & Delivery
	Chair: Robert Liskamp
11:10	Structure activity relationship studies using peptide arrays
	<i>Assaf Friedler, The Hebrew University of Jerusalem</i>
11:40	Reverse phase protein arrays
	<i>Bryan Serrels, Edinburgh Cancer Research UK Centre</i>
12:10	Parallel synthesis and splicing redirection activity of cell-penetrating peptide conjugate libraries of a PNA cargo
	<i>Peter Deuss, MRC Laboratory of Molecular Biology, Cambridge</i>
12:30	Lunch / Exhibition / Posters
	Session 3: Posters, <i>continued</i>
	Session 7: Peptide Arrays in Drug Discovery & Delivery, <i>continued</i>
	Chair: Donald Maurice
13:30	Drug discovery using cell-free DNA display: CIS display
	<i>Walraj Gosal, Isogenica Ltd.</i>
14:00	Peptide array technology identifies p62/SQSTM1 as a new PDE4 binding partner and PKA substrate with implications for interaction partners
	<i>Frank Christian, University of Glasgow</i>
14:30	Peptide Vectors for Breaching the Blood-Brain Barrier: New Directions in CNS Drug Delivery
	<i>Pankaj Karande, Rensselaer Polytechnic Institute, Troy, NY</i>
15:00	Opportunities for peptidomimetic arrays
	<i>Prof. Robert Liskamp, University of Glasgow</i>
15:30	Session 8: Poster Prize sponsored by the Protein & Peptide Science Group of the Royal Society of Chemistry; presentation by Robin Leatherbarrow
16:00	Close of Meeting