

Friday 20 May 2022

14:15	Tea / Coffee	
15:00	Sabine Flitsch (Manchester)	<i>Introduction</i>
15:05 – 15:35	Ali Tavassoli (Southampton)	<i>Platforms for the generation and high-throughput screening of microcycle libraries</i>
15:35 – 15:55	Andrew Beekman (UEA)	<i>Peptide directed binding for protein-protein interaction targets in cancer</i>
15:55 – 16:25	Martina Delbianco (MPI Potsdam)	<i>Synthetic carbohydrate-based materials</i>
16:25	Tea / Coffee	
16:55 – 17:15	Jack Rowbotham (Manchester)	<i>Bio- and ChemoBio-hybrid catalysis for atom-efficient synthesis of complex isotopically labelled molecules</i>
17:15 – 17:35	Maria Marin (UEA)	<i>Two-photon fluorescent (nano)probes for a versatile intracellular detection of nitric oxide</i>
17:35 – 17:55	Jesko Köhnke (Glasgow)	<i>One-step enzymatic conversion of peptides to alkaloids</i>
18:30	Dinner	
20:00 – 20:30	Nina Hartrampf (Zurich)	<i>New directions in flow-based protein synthesis</i>
20:30 – 21:00	Julea Butt (UEA)	<i>Electromicrobiology: Insights and Opportunities</i>

Saturday 21 May 2022

07:45	Breakfast	
08:50 – 09:10	Clare Megarity (Manchester)	<i>Confocal recycling of NADP(H) and ATP by a nanoconfined four-enzyme cascade simultaneously driven by electrical and chemical energy in The Electrochemical Leaf</i>
09:10 – 09:30	Joanna McGouran (Dublin)	<i>A radical approach to activity-based protein profiling</i>
09:30 – 10:00	Luiz Pedro Carvalho (Crick)	<i>From antibiotic action to resistance, via enzymes</i>
10:00	Tea / Coffee	
10:30 – 11:00	James Errey (Evotec)	<i>Engineering our future</i>
11:00 – 11:20	Andrew Jamieson (Glasgow)	<i>Design and synthesis of α-conotoxin peptidomimetics: potent and stable blockers of human muscle-type acetylcholine receptors</i>
11:20 – 11:50	Yi Jin (Manchester)	<i>Chloride, the hidden Janus factor in OXA-48 catalysis</i>
11:50 – 12:10	Peter 't Hart (MPI)	<i>Solid-phase peptide modification via deaminative photochemical Csp³-Csp³ bond formation using Katritzky salts</i>
12:30	LUNCH	AFTERNOON FREE
15:45	Tea / Coffee	
16:45 – 17:15	Tom Grossman (Amsterdam)	<i>Constrained peptides mimic a viral suppressor of RNA silencing</i>
17:15 – 17:35	Nicholas Mitchell (Nottingham)	<i>Site-Selective Modification of Peptides and Proteins via Interception of Free-Radical-Mediated Desulfurization</i>
17:35 – 18:05	Olalla Vazquez (Marburg)	<i>In Vivo Optochemical Control of Histone Methyltransferases</i>
18:05 – 18:25	Ben Schumann (Imperial / Crick)	<i>Chemical Precision Tools to investigate SARS-CoV2 transmissibility</i>
18:45	Reception	
19:15	Dinner	Followed by Poster Viewings

Sunday 22 May 2022

07:45

Breakfast

09:00 – 09:30

Helen Hailes
(UCL)

Enzymatic single-step reactions and the construction of biocatalytic cascades to alkaloids

09:30 – 09:50

Ellis O'Neill
(Nottingham)

The complex chemistry of the alga Euglena gracilis

09:50 – 10:10

Stephen Butler
(Loughborough)

Supramolecular Enzyme Assays Utilising Lanthanide Luminescence

10:10

Tea / Coffee

10:40 – 11:10

Andy Wilson
(Leeds)

Modulation of Interactions Employing Intrinsically Disordered Short Motifs

11:10 – 11:30

Anne Conibear
(TU Wien)

Structural Subtleties of Protein Posttranslational Modifications

11:30 – 11:50

Matteo Trande
(Manchester)

Silicatein- α protein as a biocatalyst for organosiloxanes manipulation, improving its solubility by protein engineering

11:50 – 12:10

Boris Vauzeilles
(ICSN)

New borinic probes for fast detection and imaging of hydrogen peroxide

12:30

Lunch and Departure