

**DAY 1**

14:00 Opening Day 1

14:15 Plenary session 1: Prof Chris Chang, UC Berkeley, USA.

*Transition metal signaling in the brain and beyond* (Sponsored by the RSC CBBG)

15:00 Plenary session 1: Prof Wenbin Lin, University of Chicago, USA.

*Leveraging inorganic chemistry for cancer therapy*

15:45 Coffee break

16:15 Dr Sander I van Kasteren, Leiden University, The Netherlands.

*Bioorthogonal deprotection strategies allow in vivo control over T-cell activation*

16:40 Flash presentations (11 x 3 min)

17:20 Poster session

**DAY 2**

09:00 Opening Day 2

09:15 Plenary session 2: Prof Annette Beck-Sickinger, University of Leipzig, Germany.

*Immobilisation and controlled activation of peptide and proteins for innovative biomaterials*

10:00 Plenary session 2: Prof José L Mascareñas, Univ. of Santiago de Compostela, Spain.

*Metal-based tools in chemical biology*

10:45 Coffee break

11:10 Prof Neil R Thomas, University of Nottingham, UK.

*'Clickable' recombinant spider silk and its healthcare applications*

11:35 Dr Maria J Matos, University of Cambridge, UK.

*Developing cancer therapeutics: modification of a single lysine residue on native proteins and antibodies*

12:00 Dr Glenn A. Burley, University of Strathclyde, UK.

*Interrogating the molecular determinants of click reagent chemoselectivity for sequential bioconjugation.*

12:35 Lunch break

14:00 Plenary session 3: Prof Stuart Conway, University of Oxford, UK.

*Bioresponsive methods of targeting and imaging tumours*

14:45 Plenary session 3: Prof Mike Hannon, University of Birmingham, UK.

*Metallo-supramolecular cylinders that bind unusual DNA and RNA structures: from DNA nanoscience to bio-activity*

15:30 Coffee break

16:00 Joel Lefebvre, Institut Curie, France

*Visualization of G-quadruplex ligands by click chemistry in cells*

16:25 Dr Stuart T. Caldwell, University of Glasgow, UK.

*Molecular probes for investigating mitochondrial superoxide*

16:50 Concluding Remarks