



ANALYTICAL TOOLS FOR CUTTING-EDGE METABOLOMICS

**A joint meeting of the Analytical Division of the Royal Society of Chemistry
and the International Metabolomics Society
Programme**

- 09.00 Registration opens (tea/coffee available from 9.30am)
- 09.50 - 10.00 Welcome to the meeting (Professor Mark Viant and Dr Brian Woodget)
- 10.00 - 11.00 Professor Jeremy Nicholson, Imperial College London, UK
“Spectroscopy and Systems Medicine: Meeting the Challenges of 21st Century Healthcare”
- 11.00 - 11.30 Professor Roy Goodacre, University of Manchester, UK
“Good Vibrations: Shining Light on Metabolism”
- 11.30 - 12.00 Professor Jean-Luc Wolfender, University of Geneva, Switzerland
“Characterization of Biomarkers in Natural Products Metabolomics”
- 12.00 - 13.30 Lunch including poster session
- Early Career speaker session**
- 13.30 – 13.45 Dr Arthur David, University of Sussex, UK
“A new approach for high throughput (xeno)metabolomics based on solid phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry”
- 13.45 – 14.00 Dr Aoife O’Gorman, University College Dublin (UCD), Ireland
“Habitual dietary intake impacts on the lipidomic profile”
- 14.00 – 14.15 Dr Agnieszka Smolinska, Maastricht University, The Netherlands
“Metabolomics of exhaled air in non-respiratory diseases”
- 14.15 – 14.30 Justin van der Hooft, University of Glasgow, UK
“Robust annotation of metabolite identity – maximizing the structural information from metabolites using mass spectrometry fragmentation approaches”
- 14.30 - 15.00 Dr Steffen Neumann, Leibniz Institute of Plant Biochemistry, Germany
“Metabolic Profiling via LC/MS & Tools for Metabolic Annotation and Identification”
- 15.00 - 15.30 Tea/coffer and poster session
- 15.30 - 16.00 Professor Paul Thomas, Loughborough University, UK
“Combining Non-Invasive Measurements: Marker Discovery & Refinement”
- 16.00 - 16.30 Dr Julian Griffin, MRC Human Nutrition Research, Cambridge, UK
“From big data to knowledge – applying metabolomics to understanding type 2 diabetes”
- 16.30 – 16.45 Closing remarks and awards ceremony