



Translation and Application of Analytical Biosciences Early Career Researcher Meeting

15th-16th November 2011

The U.K. Centre for Tissue Engineering (UKCTE) in Clinical Engineering, University of Liverpool

The **Royal Society of Chemistry Analytical Biosciences Group** is hosting a meeting (at the UKCTE), to present both current best practices and future development opportunities for analytical techniques in the biosciences. In practice, these essential and widely-applied techniques rapidly tend to become technically detailed, and thus out of reach for translation into other areas of application where they may offer new insights. This meeting targets the **early researcher** sector, to engage them in a two-day event to consider and present the translational and wider applications of current and future analytical technologies. Plenary speakers will begin each session with an exciting founding perspective and vision of a technique, which will be followed by peer-reviewed papers to provide the current research and analytical applications.

Delegates will obtain a broad overview of the current state of the art for analytical techniques, with detailed examples of their applications. It is intended to highlight and demonstrate the breadth and depth of these techniques to encourage their translation into new areas. With this aim in mind, each paper will aim to demonstrate the quality and value of each methodology. Papers are invited for oral or poster presentation from early career researchers in the biosciences who apply any analytical technique as a significant part of their work. This certainly includes, for example, chromatography, diagnostics and biophysics in addition to the topics of the sessions. There will be a best paper award (£100) for the paper that provides the most engaging example of analytical bioscience, whilst conveying the technique's relevance and potential for application in other disciplines (as judged by the members of the ABG committee).

Day 1

09:00 Arrival and Registration (UKCTE)

10:00 Spectroscopy Plenary
Steve Haswell, University of Hull

10:30 Papers

11:15 Break

11:45 Spectroscopy Plenary 2 Speaker tbc

12:15 Papers

13:00 Lunch and Posters

14:00 Imaging Plenary
Clive Roberts, University of Nottingham

14:30 Papers

15:15 Break

Imaging Plenary
15:45 Julian Moger, University of Exeter

16:15 Papers

19:00 Conference dinner at one of Liverpool's
fantastic museums

Day 2

09:00 Mass Spectrometry Plenary
Alan Dickson, University of Manchester

09:30 Papers

10:15 Break

Mass Spectrometry Plenary
10:45 Matthew Dalby, University of Glasgow

11:15 Papers

12:00 Lunch and Posters

Sensors Plenary
13:00 Chris Lowe, University of Cambridge

13:30 Papers

14:15 Break

Sensors Plenary
14:45 Tony Cass, Imperial College London

15:15 Papers

16:00 End

Registration is £110.00 and includes the conference dinner, £90.00 for RSC members, and £70.00 for postgraduate students. Registration form attached.

Accommodation can be booked in the wealth of various standards of accommodation in the city centre, most of which is within 10-15 minutes' walk of UKCTE. We have some rooms reserved as a block booking at discounted rates at selected hotels, and can provide the details as part of the registration.

Corporate exhibitor space is available; please enquire with local organisers for details.

Abstract submission: A maximum of a single side of A4 should be used, this can contain colour images, figures and tables, Arial font 10pt. Title, Authors, Affiliations and then the science laid out in two columns. Please email your abstract as a PDF (colour or B/W) to the local organisers for peer review. **The Abstract Deadline is 17th October**, these will go for peer review by the ABG committee, notification will be provided by 21st October. Please specify the preference for oral or poster in the covering email.

The local organisers are Professor John Hunt and Shirley Rawlings at UKCTE, please contact shirleyr@liv.ac.uk