



## Translation and Application of Analytical Biosciences Early Career Researcher Meeting

20<sup>th</sup>-21<sup>st</sup> June 2012

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. The meeting is deliberately broad to present an opportunity for researchers to expand the breadth of knowledge into the broader subject whilst presenting the detail of their own ongoing research, with the added challenge of taking their research outside of it's current topic. 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).

The Conference networking dinner will be a mobile event with the opportunity to meet and mingle. There will be a soap box activity for which delegates will submit 5 slides (60 seconds each) in advance to convey their burning research issues, needs, breakthroughs in an informal session.

## Programme Outline

### Day 1

09:00	Arrival and Registration (UKCTE)
10:00	Spectroscopy Plenary 1
10:30	Papers
11:15	Break
11:45	Spectroscopy Plenary 2
13:00	Lunch & Posters
14:00	Imaging Plenary 1
14:30	Papers
15:15	Break
15:45	Imaging Plenary 2
19:00	Conference dinner networking event at one of Liverpool's fantastic museums

### Day 2

09:00	Mass Spectrometry Plenary 1
09:30	Papers
10:15	Break
10:45	Mass Spectrometry Plenary 1
11:15	Papers
12:00	Lunch & Posters
13:00	Sensors Plenary 1
13:30	Papers
14:15	Break
14:45	Sensors Plenary 2
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. Register online at

<http://payments.liv.ac.uk/browse/product.asp?catid=124&modid=1&compid=1> The Analytical Biosciences Group invites the early career delegates to make use of our bursary programme to help cover the costs of attending this event (<http://www.rsc.org/Membership/Networking/InterestGroups/AnalyticalBiosciences/index.asp>)

**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 31<sup>st</sup> March 2012** these will go for peer review by the ABG committee, notification will be provided by 14<sup>th</sup> April. 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](mailto:shirleyr@liv.ac.uk)