



Disruptive Technologies in Life Sciences

Friday 12 June 2009 - ERBI Technology Showcase
Wellcome Trust, Genome Campus, Hinxton Hall, Cambridge

Disruptive technologies are innovations which have the potential to fundamentally affect the status quo, changing the industry paradigm and superseding the established technology in a given sector. This year we will focus on three key disruptive technologies: stem cell technology, systems biology and personalised medicine. Each session will be introduced by an industry speaker who will give a perspective on the latest technology developments in the sector, followed by a showcase of cutting-edge academic research. Partnering sessions will also take place throughout the day.

09.00 **Registration with tea and coffee**

09.30 **Opening address**
Jolyon White, Technology Consultant, London Technology Network

including: mathematical modelling; metabolomics; proteomics; and transcriptomics.
Chair: **Dr Gerhard Engel**, Senior Manager, **Accelrys**

11.55 **Academic Technology Showcase**
Spotlight on the latest research on systems biology from London Technology Network's Business Fellows

Session 1: Stem Cell Technology

09.55 **Industry perspective**
In this session we will examine the role of academics in stem cell science and its translation into therapy (cell therapy, regenerative medicine, stem cell stimulation and moderation *in vivo*). We will also look at the role of stem cell science in drug discovery and drug development, and the value of public sector-funded research to the private sector.
Chair: **Dr Miriam Bibel**, Senior Research Investigator, Neuroscience/Neurodegeneration, **Novartis**

12.25 **Panel discussion**

12.55 **Networking lunch with academic posters**

10.10 **Academic Technology Showcase**
Spotlight on the latest research on stem cell sciences from London Technology Network's Business Fellows

10.40 **Panel discussion**

11.10 Networking break with academic posters

Session 3: Personalised Medicine

14.00 **Industry perspective**
The growth of personalised medicine has led to the increased interest in the identification, development and validation of biomarkers. In this session we will explore the current technologies spanning the life and physical science fields that are responsible for allowing the detection and development of biomarkers to become a commercial reality. We will also address the use of biomarkers in inflammatory disorders and look at the future implications of personalised medicine for the healthcare industry and its potential benefits for patient care.
Chair: **Dr Chris Chamberlain**, Biomarker Expert, **Roche**

14.15 **Academic Technology Showcase**
Spotlight on the latest research on personalised medicine from London Technology Network's Business Fellows

14.45 **Panel discussion**

15.15 **End of Technology Showcase**

Session 2: Systems Biology

11.40 **Industry perspective**
One of the core aims of systems biology is to approach and explore biological processes from a systemic view; observing effects in multiple closely-related systems. This session will address new developments centred on our ability to record, integrate and comprehend data from a wide range of experimental sources using multiple techniques

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Registration – Disruptive Technologies in Life Sciences, Friday 12 June 2009

Fees

Industry

£200.00 (+ VAT = £230.00)

Academics

Free

To register for the event please go to: www.erbiconference.co.uk

To register at the LTN discounted rate please type **LTN 2009** in the box marked **LTN invitation code**, in the **Special Cases** section on the registration form.

Cancellation policy: Refunds will be made minus a 10% administration charge until the cut-off date of **Friday 1st May 2009**. No refunds will be made after this date.

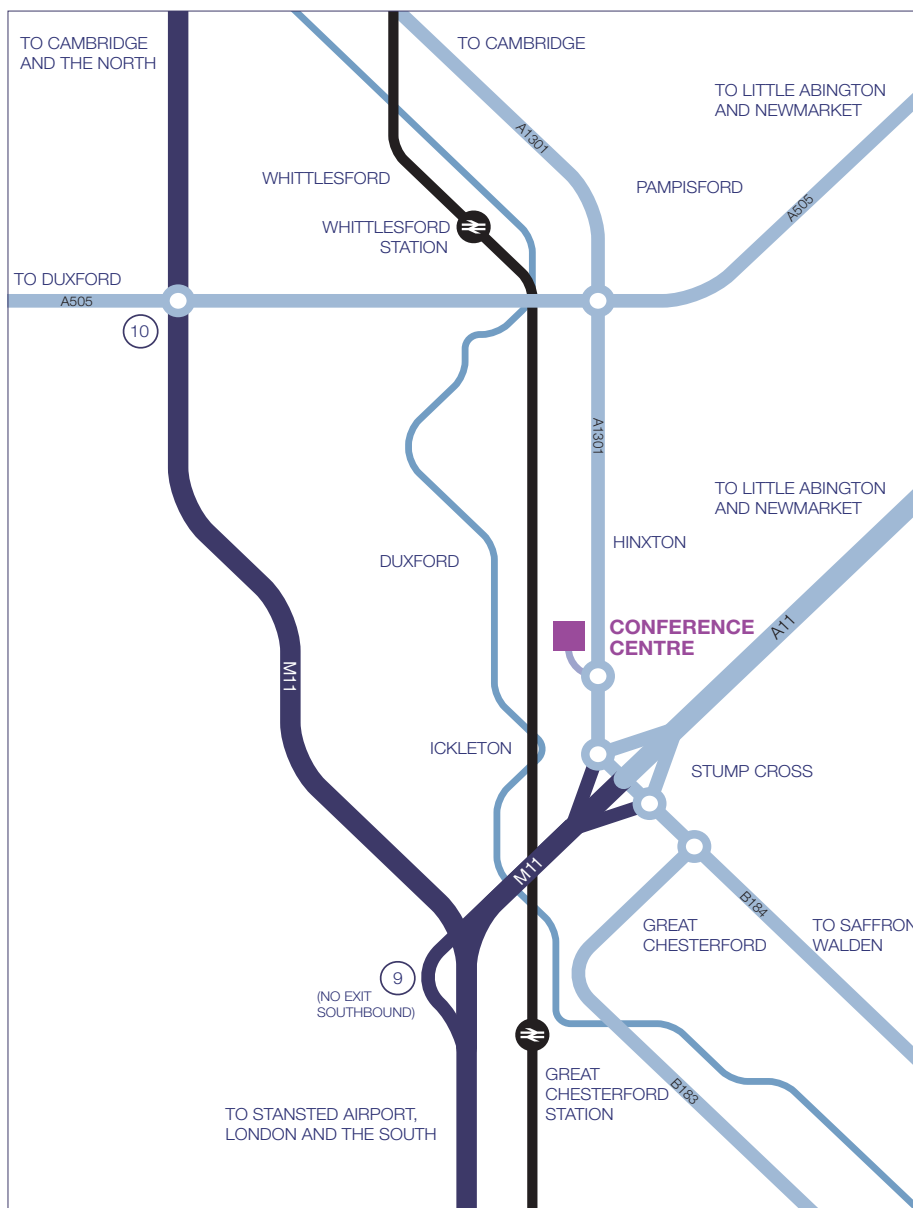
Substitutions: Substitutions may be made at any time up to the event.

Registration contact: **Laura Woodcock**, Event Co-ordinator. Tel: 01223 421976; email: laurawoodcock@erbi.co.uk or conference@erbi.co.uk.

ERBI reserves the right to alter the agenda and prices at any time.

How to get there

This event will take place at the Wellcome Trust Genome Campus, Hinxton Hall, Cambridge, CB10 1RQ. Telephone: +44 (0) 1223 495000; www.erbiconference.co.uk



BY TRAIN: Cambridge is on the main line from London Kings Cross. Whittlesford, Great Chesterford and Audley End stations are on the line from London Liverpool Street to Cambridge. Journey time from London is under an hour. Please note that Whittlesford and Great Chesterford stations do not have a taxi rank or telephone. Please use either Cambridge or Audley End stations if a taxi has not been pre-booked.

BY CAR: From the South: Leave the M11 at junction 9 and take the A1301 towards Cambridge. From the Stumps Cross roundabout system take the first left (about 800m). At the next small roundabout follow the signpost for 'Genome Campus'.
From the North: Leave the M11 at junction 10 (note that M11 junction 9 is restricted and accessible from the South only). Travel a mile or so on the A505 in the direction of Saffron Walden to a roundabout and take the third exit (A1301 towards Saffron Walden). Pass two turnings to Hinxton, and take the next right, a small roundabout, signposted to Genome Campus.