

“Fast Train” Stem Cell Event, 5 October 2010: PRELIMINARY PROGRAMME

The day’s activities will run under 4 themes, as listed below. Some seminars and demonstrations will take place both morning and afternoon, allowing delegates to customise their programme.

Topic 1: Introduction to Stem Cells	Topic 2: Stem Cell Culture	Topic 3: Analytical Tools	Topic 4: Industry Applications
Seminar: Introduction to Stem Cells: What is a stem cell? Stem cell types, their origins and unique properties. Research milestones to date.	Seminar: Principles of Stem Cell Culture. Key considerations, including media requirements and achieving optimal differentiation. (Dr Paul Bello, Stem Cell Sciences)	Seminar: What are my Options for Live Cell Imaging? An overview of features, benefits and questions to ask. (Dr Peter Djali, Essen BioScience Ltd)	Seminar: An Overview of Stem Cell Research at the University of Manchester, and Opportunities for Industry Collaboration. (Professor Sue Kimber, University of Manchester)
Seminar: What’s all the fuss about stem cells?! A short seminar for non-scientists / business professionals seeking an overview of the key points, and why stem cell science has such an impact on society.	Seminar: Stem Cell Reprogramming and iPS Cells.	Practical Demonstration: The Nikon BioStation: time-lapse imaging system. (Dr Sundeep Bhandari, Nikon)	Seminar: Applications of Stem Cells: an overview followed by a series of short presentations from industrial and academic scientists at the leading edge of applying stem cell technology.
	Seminar: Recent Advances in Stem Cell Culture.	Practical Demonstration: The Essen IncuCyte: live-cell monitoring and imaging. (Dr Peter Djali, Essen BioScience Ltd)	Discussion Panel / Network Session: How do we optimise the effective transfer of stem cell technology from research into industry applications? What sources of information are available, to help empower companies through harnessing the potential of stem cells?
	Practical Demonstration: stem cells in action!	Practical Demonstration: PANsys 3000 automated cell culture system with live cell imaging (Dr Sharon Brownlow, Applikon Biotechnology)	
	Practical Demonstration: new animal-free 3-D matrices for stem cell culture		



XCellR8 Ltd
Core Technology Facility
46 Grafton Street
Manchester M13 9NT, UK

t: +44 (0)845 258 1684
f: +44 (0)161 386 8662
e: info@x-cellr8.com

www.x-cellr8.com

	Practical Demonstration: animal-free / defined subculture reagents for stem cells		
--	--	--	--