

Identifying gene expression in mammalian development and disease

20th May 2005 – Birkbeck College, London

Agenda

- 09:15 – 09:45** **Registration – tea/coffee and biscuits**
- 09:45 - 09:55 **Introduction by the Chair**
Landscaping the Mouse Embryo
 Dr David Tannahill
- 9:55 – 10:10 **Automated in situ detection**
 Dr Gerhard Muster - INTAVIS AG
- 10:10 – 10:30 **OPT: a novel wholemount imaging technology for visualising gene expression**
 Dr Sarah Wedden – Biotonics
- 10.30 – 10:55 **Toward a comprehensive view of Wnt pathway component gene expression patterns during limb and facial development**
 Dr Paula Murphy-Trinity College Dublin
- 10:55 – 11:30 **Morning tea/coffee**
- 11:30 – 11:45 **Use of the Ventana Discovery platform in the automation of in-situ hybridisation**
 Carlo Iannicola - Ventana
- 11:45 – 12:10 **Shedding light on the edge of the X - systematic expression analysis on Xq28 genes with RNA in situ hybridisation**
 Dr. Anja Kolb-Kokocinski - The Wellcome Trust Sanger Institute, Cambridge
- 12:10 – 12:35 **EMAGE – A spatial database of gene expression patterns in the developing mouse embryo**
 Dr Jeff Christiansen - Human Genetics Unit, Edinburgh
- 12.35 – 13.30 **Lunch and meet the companies**
- 13:30 – 13:35 **Towards an electronic atlas of gene expression in early human development**
 Professor Tom Strachan, University of Newcastle
- 14:10 – 14:25 **MicroRNAs as Potential Diagnostic and Prognostic Markers of Disease**
 Dr Jaclyn Shingara, Ambion, Inc., USA
- 14:25 – 14:50 **Identifying and characterising new cell types in the nervous system**
 Matthieu Vermeren - MRC Centre for Developmental Neurobiology, London
- 14.50 – 15.15 **Figuring out the crucial genes for tissue repair and inflammation**
 Professor Paul Martin – Bristol
- 15:15 – 15.40** **Afternoon Tea/Coffee**
- 15:40 – 15:55 **Products for DNA Microarrays**
 Dr Ernesto Guzman - Invitrogen
- 15:50 – 16:20 **Gene expression during mouse inner ear development**
 Mark Machonochie – University of Sussex
- 16:20 – 16:45 **Identifying genes important for spinal nerve and vertebral patterning**
 Daniel Hughes – The Wellcome Trust Sanger Institute
- 16:45 – 17:00 **HaloTag™ Interchangeable Labelling Technology for Cell Imaging and Protein Capture**
 Dr Sean Donnelly - Promega
- 17:00** **Chairman's summing up**