

# Establishing, Optimising and Producing Microarrays

14<sup>th</sup> January 2005 – Birkbeck College, London

## Agenda

### Morning Session

- 9:15 – 9:45**                    **Registration – Tea, coffee and biscuits**
- 9:45 - 10:00                **Introduction by the Chair:** Professor Colin Cooper - Institute of Cancer Research
- 10:00 - 10:20                **Expression profiles vs genomic intervals: Genetic testing through tiling-path resolution array-CGH**  
Professor Eric Schoenmakers - Department Human Genetics, University Medical Centre Nijmegen, The Netherlands
- 10:20 – 10:40                **Future developments in microarray glass slide technology**  
Dr. Katrin Steinmetzer - Schott
- 10:40 – 11:00                ***Staphylococcus aureus* virulence gene arrays for epidemiology**  
Professor Nick Saunders - Genomics Proteomics and Bioinformatics Unit, Centre for Infections, Health Protection Agency, London
- 11:00 – 11:20**                **Morning coffee/tea break in the exhibition hall**
- 11:20 – 11:40                **Comparative Geneomic Hybridisation onto cDNA Microarrays**  
Professor Colin Cooper - Institute of Cancer Research
- 11:40 – 12:00                **Focused gene expression profiling using PIQOR cDNA Microarrays**  
Dr. Constanze Scherer – Miltenyi Biotec GmbH
- 12:00 – 12:20                **Using in situ ink jet synthesized oligonucleotide DNA microarrays to study DNA binding proteins**  
Dr Andy Allen - Oxford Gene Technology
- 12:20 - 13:20**                **Lunch and meet the companies**

## **Afternoon Session**

- 13:20 - 13:40      **Applications of the Nimblegen Approach to Microarray**  
Dr Donald Ogg – GRI
- 13:40 - 14:00      **Establishing, optimising and producing microarrays**  
Dr Timothy Gant – University of Leicester
- 14:00 – 14:20      **Tissue Microarrays: Past, Present and Future**  
Dr Sameer Jhavar - Institute of Cancer Research
- 14:20 – 14:40      **An abundance of riches: the tissue microarray challenge for image capture and analysis**  
Dr. Anthony Warford - The Wellcome Trust Sanger Institute, Cambridge
- 14:40 – 15:10**      **Afternoon Tea/Coffee and cakes with the companies**
- 15:10 – 15:30      **Target preparation in microarray experiments: potentials and pitfalls**  
Dr Horst Donner - Roche
- 15:30 – 15:50      **Analysis of Microarray Data**  
Dr Colin Campbell - University of Bristol
- 15:50 – 16:10      **Extraction of Gene Regulatory Network (GRN) from Microarray Data Using Bayesian Belief Network**  
Judit Kumuthini - Cranfield University at Silsoe
- 16:10 – 16:30      **Microarray fabrication and distribution; the joys of running a core facility**  
Dr Debbie Williams (Mammalian Genetics Unit, Harwell, UK)
- 16:30 – 16:50      **SuperScript(tm) III for improved array labelling**  
Dr Debra Ann Nickson - Invitrogen
- 16:50**              **Close**

