

# Proteomics: Challenges and Emerging Technologies

29 September 2006

- 9:00 – 9:35 Registration – Tea, coffee
- 9:35 – 09:40 **Introduction by the Chair:**  
Dr Robin Wait, Kennedy Institute of Rheumatology, London, UK.
- 09:40 – 10:00 **Capturing more of the proteome**  
Prof. David O'Connor -Centre for Proteomic Research, Southampton, UK.
- 10:00 – 10:20 **Advances in the imaging and analysis of Cy dye-labelled 2D gels**  
Dr Paru Oatey – Syngene, UK
- 10:20 – 10:40 **LI-COR Odyssey Imaging System: The new standard in protein quantification and Western blot analysis**  
Dr Dan Gare- LI-COR Biosciences Ltd, UK
- 10:40 – 11:20 Morning coffee/ tea
- 11:20 – 11:40 **Application of non-labelling proteomic methods to biomarker discovery**  
Dr Robert Edwards, Experimental Medicine & Toxicology, Imperial College London, UK
- 11:40 – 12:00 **Biomarkers and their relevance in diagnosis and prognosis in melanoma**  
Dr Balwir Matharoo-Ball, Proteomics & MALDI Mass Spectrometry, Nottingham Trent, University, UK
- 12:00 – 13:00 Lunch
- 13:00 – 13:20 **Pushing The Limits Of Electrophoresis**  
Dr Christoph Eckerskorn, VP Science & Technology Proteomics / Research & Development, BD Diagnostics, Germany
- 13:20 – 13:40 **"Revealing Hidden Treasure", Applying Intact Protein Partitioning and Fractionation to Biomarker Discovery"**  
Mr Jim Thorn, Beckman, UK
- 13:40 – 14:00 **Biomarker discovery using proteuslms™ - the proteomics lab information and scientific data management system**  
Mr Kevin Jones – GenoLogics, UK
- 14:00 – 14:20 **Data management in the MolPAGE project**  
Dr Maria Krestyaninova, European Bioinformatic Institute, Cambridge, UK
- 14:20 – 14:40 **Clontech™ Antibody (Ab) Microarray 500: Multiplex profiling of hundreds of different proteins**  
Dr Laurence Lamarcq, Clontech-TakaraBioEurope France
- 14:40 – 15:00 Afternoon Tea/Coffee
- 15:00 – 15:20 **The Role of Nanotechnology in Proteomics**  
Prof. Tony Cass - Institute of Biomedical Engineering Imperial College London, UK.
- 15:20 – 15:40 **New dogs, old tricks - progress in proteomics technology research.**  
Dr Andy Pitt, University of Glasgow, UK.
- 15:40 – 16:00 **In-Fusion™: Seamless PCR cloning for optimized protein expression**  
Dr Laurence Lamarcq, Clontech-TakaraBioEurope France
- 16:00 **Chairs Summary**