

2D Electrophoresis; The Way Forward

18th November 2005 – The Fielder Conference Centre in Hatfield, Herts

- 9:00 – 9:40** **Registration – Tea, coffee and biscuits**
- 9:40 – 9:55 **Introduction by the Chair:** Dr Ayesha De Souza
- 9:55 - 10:25 **2D gels and drug safety evaluation: applications, limitations and alternatives**
Dr Neil Kitteringham - Liverpool University
- 10:25 – 11:00 **Morning tea/coffee**
- 11:00 – 11:30 **Current sample preparation and fractionation methods in Proteomics**
Dr Timothy Cross - Bio-Rad Laboratories Ltd
- 11:30 – 12:00 **Proteomic analysis of the heart using 2D electrophoresis**
Professor Michael Dunn – University College Dublin
- 12:00– 13:15** **Lunch**
- 13:15 – 13:45 **Improving the resolution of target proteins with automated gradient gel casting for two-dimensional electrophoresis**
Dr Robert Mount – NextgenSciences, UK
- 13:45 – 14:15 **Spicing Up Proteomics with Splicing**
Professor J. Godovac-Zimmermann - The Rayne Institute, London
- 14:15 –14:45 **Sample preparation and 2D electrophoresis at the CMMI core facility**
Dr. Judit Nagy - Imperial College London
- 14:45 – 15.15** **Afternoon Tea/Coffee**
- 15:15 – 15:45 **Analysis of the Salmonella proteome by semi-automated two dimensional HPLC-mass spectrometry**
Dr Nick Coldham, Food & Environmental Safety Dept, VLA
- 15:45 – 16:15 **Dymension - A new generation of 2D gel electrophoresis image analysis software**
Dr. Paru Oatey - Syngene Ltd
- 16:15 Close**