

Developing Technologies In Cytokine Detection

20 June 2006 – Birkbeck College, London

- 9:00 – 9:25 **Registration – Tea, coffee and biscuits**
- 9:25 - 9:30 **Introduction by the chair – Dr Catherine Derry**
- 09:30 – 09:50 **Introduction of the first ELISPOT based diagnostic assay - Diagnosing TB in the 21st Century**
Dr Ian Durrant - Research Director, Oxford Immunotec Limited
- 09:50 – 10:20 **Development of subunit vaccines and specific reagents to detect tuberculosis in cattle: Antigen mining by comparative genomics and transcriptomics**
Dr Martin Vordermeier, TB Research Group, VLA-Weybridge
- 10:20 – 10:40 **The Bio-Plex Suspension Array System: Multiplexed cytokine detection made easy**
Dr Alex Liversage, Biorad
- 10:40 – 11:10 **Morning tea/coffee**
- 11:10 – 11:40 **Developing reagents for detection of cytokines in large animals**
Dr Jayne Hope, Institute for Animal Health, Compton, Near Newbury
- 11:40 – 12:00 **Cytokine Secretion Assay Technology to Isolate and Characterise Effector and Suppressor T Cells**
Dr John Campbell, Miltenyi Biotec
- 12:00 – 12:30 **Discovery multiplex platform: Sensitive measurement of multiple cytokines in 25 ml sample volume**
Dr Tuc Ahmad, MSD
- 12:30 - 13:30 **Lunch in the exhibition hall**
- 13:30 – 14:00 **Detection of HIV-1-Specific T Lymphocytes in HIV-1 Infected Individuals and Vaccine Recipient**
Dr Nesrina Imami, Department of Immunology, Imperial College London, Chelsea and Westminster Hospital
- 14:00 - 14:30 **Comparison of three multiplex cytokine analysis systems: Luminex, SearchLight and Fast Quant**
Dr Gendie E. Lash, University of Newcastle-upon-Tyne
- 14:30 – 15:00 **Afternoon Tea**
- 15:00 – 15:30 **Multiplex cytokine detection in autoimmune disease**
Dr Graham Wallace, University of Birmingham
- 15:30 – 16:00 **Intracellular cytokine staining to analyse the function of tissue dendritic cells (DC)**
Dr Andrew Stagg, Imperial College, London
- 16:30 **Close**