

Analysing the phenotype and function of regulatory T cells

4 April 2006 – Birkbeck College, London

- 09:00 – 09:30** **Registration – tea/coffee and biscuits**
- 09:30 – 09:35** **Introduction by the Chair – Dr Catherine Derry**
- 09:35 – 10:00** **Identifying regulatory T cells at the fetal-maternal interface: Functions and therapeutic potential of Tregs for pregnancy complications**
Dr Ana Claudia Zenclussen - Institute of Medical Immunology, Charité, Germany
- 10:00 – 10:25** **Tracking antigen specific regulatory T cells in autoimmune disease**
Dr Lucy Walker, University of Birmingham
- 10:25 – 10:50** **Induction of antigen-specific regulatory T cells for treatment of allergy and autoimmune diseases**
Professor David C Wraith- University of Bristol
- 10:50 – 11:15** **Enhanced suppressive capacities of regulatory T cells under therapy with interferon-beta and glatiramer acetate in patients with Multiple Sclerosis**
Dr J. Haas, Division of Molecular Neuroimmunology, University of Heidelberg, Germany
- 11:15 – 11:45** **Mid-morning break: tea/coffee**
- 11:45 – 12:10** **Regulatory T cells in Rheumatoid Arthritis**
Dr Michael Ehrenstein, University College London.
- 12:10 – 12:35** **Modulation of the immune response in rheumatoid arthritis by regulatory T cells**
Dr Leonie Taams – Kings College, London
- 12:35 – 13:00** **Roles of IL-10 and CTLA-4 in control of intestinal inflammation by CD4+ CD25+ TR**
Dr. Ana Izcue, Oxford University
- 13:00 – 14:00** **Lunch in the exhibition hall**
- 14:00– 14:25** **Isolation and analysis of CD4+CD25+ regulatory T cells**
Dr Doris Hasselmann, Miltenyi Biotec, Germany
- 14:25 – 14:50** **CD4+ CD25^{high} Regulatory T Cells, From Isolation to Expansion**
Mr Thomas Bauer, Invitrogen Corporation
- 14:50 - 15:15** **Quantifying Human CD4+CD25^{High} Regulatory T-Cells: A Challenge**
Dr Frederique Ponchel, Leeds Institute for Molecular Medicine, St. James's University Hospital, Leeds.
- 15:15 – 15:45** **Afternoon tea/coffee and cakes in the exhibition hall**
- 15:45 – 16:10** **Purification of T regulatory cells from whole blood: Applications to the studies of T regulatory cell modifying drugs**
Mr Brendan Meyer, St Georges Hospital, London
- 16:10 – 16:35** **The influence of CD4 T cell subsets on control of graft versus host disease**
Dr Halima Moncrieffe, NIMR, National Institute of Medical Research / Institute of Child Health, London.
- 16:35 – 17:00** **Therapeutic applications of antigen-specific regulatory T cells for transplantation**
Dr Jian-Guo Chai, Transplantation Biology Group, Department of Immunology, Imperial College of Science, Technology & Medicine, London.
- 17:00** **Chairman's summing up & Discussion**