

**Royal Society of Chemistry
Carbohydrate and Biotechnology Group Joint Meeting
with the
UK Basic Technology GlycoArray Consortium**

“Glycomics: from Biology to Therapeutics”

**September 11th/12th, 2008
Royal Society, London**

Meeting Organisers:

Prof Jerry Turnbull, Professor Sabine Flitsch, Dr Irene François, Dr Tony Merry

Glycomics strategies

- Prof. Ann Dell (Imperial College, London):** Mass spectrometry strategies for glycomics
Prof Ola Blixt (Copenhagen): Glycoprofiling with antibody capture arrays
Prof. Ten Feizi (Imperial): Designer microarrays and prospects for deciphering the glyco-code
Dr Andy Powell (Liverpool): Slide-based fluorescence glycoarrays
Dr Nicolas Laurent (Manchester): MALDI analysis of gold surface arrays
Dr Yan Liu (Imperial): Insights into polysaccharide recognition by carbohydrate-binding proteins
Dr Martin Franks (Heidelberg): New Bioinformatic Tools and Databases for Glycomics

Tools & Technologies

- Prof. Rob Field (John Innes Institute , Norwich):** SPR and protein-carbohydrate interactions
Prof. Laurence Barron (Glasgow): Solution Structure of Carbohydrates from Raman Optical Activity
Prof. Nicolai Bovin (Moscow): 'Glycochip profiling of normal sera: surprises and challenges
Dr Berangere Tissot (Imperial) : GAG glycomics: MALDI approaches and software
Prof Paul Crocker (Dundee): Protein constructs for CBP studies

Glycobiology & Biomedicine

- Prof. Marcus Aebi (ETH, Zurich):** Structural analysis of N-linked protein glycosylation
Prof Pauline Rudd (Dublin): Discovery of glycan Biomarkers
Dr Antony Corfield (Bristol): Manipulating Mucin Glycoarrays in Human Mucosal Diseases
Dr Cathy Merry (Manchester): Glycans and stem cells
Prof Jane Hewitt (Nottingham): Investigating the glycobiology of muscular dystrophy
Prof Iain B Wilson (Vienna): Non-mammalian glycans with immunogenic and allergenic potential"

Glycotherapeutics & Glycobiotechnology

- Prof. Raymond Dwek (Oxford):** 'Developments in Glycobiology - Novel Therapies for Hepatitis and HIV'
Prof Helen Osborne (Reading) : 'Synthesis of disaccharide mimics via the Ferrier reaction'
Prof Ben Davis (Oxford University): Controlled glycosylation of therapeutic proteins
Dr Maurice Petitou (Endotis, France) : New oligosaccharide-based antithrombotics
Prof Jon Rhodes (Liverpool): Complex carbohydrates in inflammatory bowel disease

Registration : £120 (£60 for RSC members) and student registration £60 (£30 for RSC members). Please send cheques payable to 'University of Liverpool' to the address below.

Abstracts : we invite submission of abstracts for the poster sessions, and a number will also be selected for invited short talks. Please send abstracts to the address below, indicating whether you would like the abstract to be considered for an oral presentation. Abstract deadline August 15th.

Contact details : c/o Pat Brady, School of Biosciences, University of Liverpool, Crown St, Liverpool, L69 7ZB, England, UK. Tel : 0151 795 4400 Email : bradyp@liverpool.ac.uk