

NMRDG Christmas Meeting 2006

Institute of Child Health, 30 Guilford Street, London WC1N 1EH

Thursday, 14th December, 2006

'NMR in Complex Biological Media'

10.00-10.30 *Registration, tea and coffee*

Morning Session Chair Prof Mike Williamson (University of Sheffield)

10.30-11.00 Solid-state NMR: a tool for probing the protein-mineral interface in
biominerals

Melinda Duer (University of Cambridge)

11.00-11.30 Development of very high field NMR magnets

Paul Noonan (Oxford Instruments)

11.30-12.00 Safety of high magnetic field strengths

Penny Gowland (University of Nottingham)

12.00-12.30 Use of ¹⁹F to track gene expression by MRS

Ralph Mason (University of Texas Southwestern Medical Center)

12.30-13.45 *Buffet Lunch*

13.45-14.00 NMRDG business meeting

Afternoon Session Chair Dr Po-Wah So (Imperial College London)

14.00-14.40 NMR based metabolomics in health and disease

Jules Griffin (University of Cambridge)

14.40-15.10 MRS in cancer

Yuen-Li Chung (St George's Hospital School of Medicine)

15.10-15.40 *Tea*

15.40-16.10 Probing plant metabolism in cell suspensions and mitochondria with
NMR

George Ratcliffe (University of Oxford)

16.10-16.40 NMR analysis of complex mixtures: finding the needle in a haystack

Adrian Char/ton (Central Science Laboratory, York)

16.40 *End of meeting*