

**The Royal Society of Chemistry
Nuclear Magnetic Resonance Spectroscopy Discussion Group Christmas
Meeting
16th December 1998**

**Lecture Theatre G16, The Sir Alexander Fleming Building Imperial College of
Science, Medicine and Technology, South Kensington, London SW7 2AZ**

"NEW FRONTIERS IN BIOMEDICAL MAGNETIC RESONANCE"

- 09.30: Coffee and Registration.
10.00: General Introduction and Welcome: Professor Jeremy Nicholson.
- Session 1:** Chair, Dr Jeff Troke (Imperial College)
- 10.05: "In vivo NMR in Post -genome Research"
Dr Jimmy D. Bell (Biomedical NMR Unit, Royal Postgraduate Medical School).
- 10.45: "Metabonomics: NMR-based expert systems approaches to drug toxicity assessment". Dr Elaine Holmes (Biological Chemistry, Imperial College).
- 11.25: "Focal brain damage in children, and its impact on cognitive function: new magnetic resonance approaches". Professor David Gadian (Institute of Child Health).
- 12.10: **NMRDG Christmas Lunch (Dining Room Ground floor of Sherfield Building)**
- 1.45: NMRDG Business and Elections
- Session 2:** Chair, Professor John Lindon (Imperial College)
- 2.00: "Application of high resolution MAS NMR of intact tissues to diagnostic problems" Professor Jeremy Nicholson (Biological Chemistry, Imperial College).
- 2.40: "Composition of Human Articular Cartilage by MRI Punch Biopsy"
Professor Laurie Hall (Herchel Smith Laboratory for Medicinal Chemistry, University of Cambridge School of Clinical Medicine).
- 3.20: "Medical Magnetic Resonance in the next Millennium"
Professor John Griffiths (Department of Biochemistry, St George's Hospital Medical School).
- 4.00: Close.