

# NMR DiscussionGroup Christmas 2010 Meeting

Wednesday 15<sup>th</sup> December 2010

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

***Morning session chair: Paul Hodgkinson, University of Durham***

- |               |  |
|---------------|--|
| 10.00 – 10.25 | Registration and refreshments  |
| 10.25 – 10.30 | Introduction and welcome   |
| 10.30 – 11.15 | <b>Clare Grey, <i>University of Cambridge</i></b><br>Optimising Structure and Function in Lithium-Ion Batteries and Fuel Cells: New In-situ and Ex-situ NMR Approaches |
| 11.15 – 11.35 | <b>Jan Novak, <i>University of Birmingham</i></b><br>Magnetic Resonance Imaging of Chemistry in Flow   |
| 11.35 – 12.10 | <b>Michael Overduin, <i>University of Birmingham</i></b><br>Drug discovery targets: tackling kinases, phosphatases and membrane proteins                               |
| 12.10 – 12.45 | <b>Steven Thomas, <i>GlaxoSmithKline, Ware</i></b><br>Metabolite ID, don't forget your old data  |
| 12.45 – 14.00 | Buffet Lunch   |

***Afternoon session chair: Po-Wah So, Kings College, London***

- |               |  |
|---------------|--|
| 14.00 – 14.15 | NMRDG Business   |
| 14.15 – 14.50 | <b>Jimmy Bell, <i>Imperial College, London</i></b><br>Fat - genetics, environment and wishful thinking   |
| 14.50 – 15.25 | <b>Peter Thelwall, <i>University of Newcastle</i></b><br>Developing and applying in vivo <sup>13</sup> C MR spectroscopy in clinical research            |
| 15.25 – 15.45 | <b>Hannah Davies, <i>University of Liverpool</i></b><br>NMR studies of protein fibrils associated with cardiovascular amyloid disorders                  |
| 15.45 – 16.25 | <b>Kevin Brindle, <i>University of Cambridge</i></b><br>Imaging tumour metabolism using hyperpolarized <sup>13</sup> C – Detecting response to treatment |
| 16.25 – 16.30 | Closing remarks  |
| 16.30 -       | Refreshments and departure   |