

# NMR Discussion Group Christmas 2011 Meeting

Wednesday 14<sup>th</sup> December 2011

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

***Morning session chair: Tim Claridge, University of Oxford***

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| 10.00 – 10.25 | Registration and refreshments                                                                                    |
| 10.25 – 10.30 | Introduction and welcome                                                                                         |
| 10.30 – 11.10 | <b>Gareth Morris, <i>University of Manchester</i></b><br>Pure Shift NMR: a Resolution of the Resolution Problem? |
| 11.10 – 11.35 | <b>Rob Evans, <i>University of Manchester</i></b><br>Estimating diffusion coefficients of small molecules        |
| 11.35 – 12.10 | <b>Iain Day, <i>University of Sussex</i></b><br>Probing Small Molecule Aggregation with NMR Spectroscopy         |
| 12.10 – 12.45 | <b>Steven Brown, <i>University of Warwick</i></b><br>Recent Results from the UK 850 MHz Solid-State NMR Facility |
| 12.45 – 14.00 | Buffet Lunch                                                                                                     |

***Afternoon session chair: Mike Williamson, University of Sheffield***

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| 14.00 – 14.10 | NMRDG Business                                                                                                                                                 |
| 14.10 – 14.45 | <b>Iain Campbell, <i>University of Oxford</i></b><br>The evolving role of NMR in structural biology                                                            |
| 14.45 – 15.20 | <b>Dusan Uhrin, <i>University of Edinburgh</i></b><br>Interactions of complement factor H with glycosaminoglycans                                              |
| 15.20 – 15.45 | <b>Hugh Dannatt, <i>University of Sheffield</i></b><br>Dynamics in the catalytic cycle of a beta-Phosphoglucomutase                                            |
| 15.45 – 16.25 | <b>Flemming Hansen, <i>University College, London</i></b><br>Structure and Dynamics of excited states of proteins: Information from side-chain chemical shifts |
| 16.25 – 16.30 | Closing remarks                                                                                                                                                |
| 16.30 -       | Refreshments and departure                                                                                                                                     |
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