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**An Interest Group of the Royal Society of Chemistry
Charity Registration No. 207890**

NMR Discussion Group 2016 Christmas Meeting

Date of meeting: Thursday 15th December 2016

Meeting venue*: Institute of Structural and Molecular Biology
Birkbeck College
Lecture Theatre MAL B34
The Main Birkbeck Building
Torrington Square
London
WC1E 7JL

* Please refer to map below

Dear Member,

One of the principal objectives of the NMR Discussion Group is to provide a forum for educating, sharing ideas and promoting recent developments in NMR and related disciplines. The group continues to provide such opportunities for scientists that work in many different areas associated with magnetic resonance. This is achieved through, in addition to other means, the popular Christmas meeting.

The forthcoming Christmas meeting comprises presentations covering a diverse range of subjects, including recent developments in small molecule characterization, molecular biology and the continually developing discipline of solid-state characterisation. It is intended that the presentations will be of interest to the majority of spectroscopists of

differing backgrounds, either through direct relevance or through potential applicability. An agenda is attached for your information.

The meeting will take place on **Thursday 15th December** at the easily accessed Institute of Structural and Molecular Biology, Birkbeck College, London. Relevant maps showing the venue location within London and also connections with the local underground stations are shown below. **Please note that the meeting will take place in Lecture Theatre Mal B34, which is situated in the Institute of Structural and Molecular Biology, in the basement of the main Birkbeck Building, accessed from Torrington Square (Please see map below: annotation reference 1).**

If you would like to attend the event, please complete the on-line registration form via the link available on <http://www.nmrdg.org.uk> or directly via the link on the RSC website <https://events.rsc.org/rsc/1047/register>

Registration will close on **Monday 5th December 2016** and the standard fee is £45.00. However, if you are a student or retiree, then a concessionary rate of £25.00 will apply (Retirees are advised to register using the code **16NMRX20** to qualify for the concessionary rate). For further information, please do not hesitate to send an E-mail to info@nmrdg.org.uk.

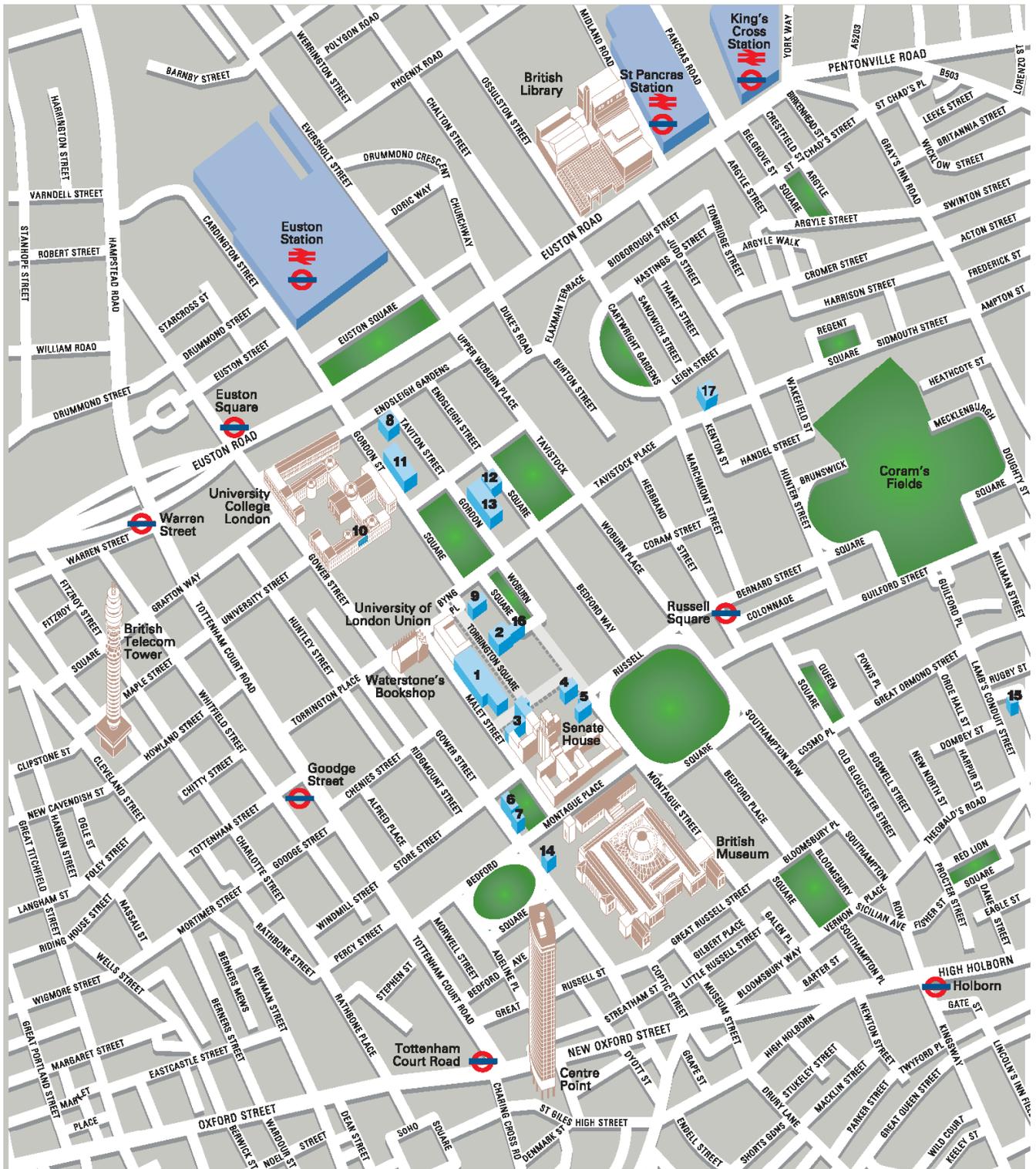
The NMR DG Christmas meeting has been organized in conjunction with the BRSG Christmas meeting, which will be held at the nearby Royal Institute of British Architects, 66 Portland Place, London W1B 1AD, on Wednesday 14th December (The day preceding the NMR DG Christmas meeting). Further details will be found on the Institute of Physics website using the link below:

<http://www.iop.org/calendar/index.html#/?i=3>

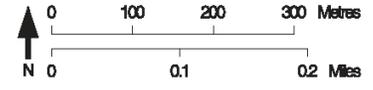
Yours sincerely,

Prof Sharon Ashbrook – NMR DG Chairperson

Dr Stephen Byard - NMR DG Secretary



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|---|---|---|--|
|  Birkbeck buildings | 1 Birkbeck main building, Torrington Square | 8 Evening Nursery | 15 Knowledge Lab, 23–29 Emerald Street |
|  Stations (rail/tube) | 2 Clore Management Centre | 9 32 Torrington Square | 16 The Wolfson Institute for Brain Development and Function in the Henry Wellcome Building |
|  Stations (tube) | 3 Senate House (North Block) | 10 South Wing UCL (access via Gower Street) | 17 Egmont House |
|  Major landmarks and other buildings of interest | 4 25–26 Russell Square | 11 Gordon House | |
| | 5 30 Russell Square | 12 32 Tavistock Square | |
| | 6 10–16 Gower Street | 13 39–47 Gordon Square | |
| | 7 4 Gower Street | 14 7 Bedford Square | |



NMR Discussion Group Christmas 2016 Meeting

Thursday 15th December 2016

Institute of Structural and Molecular Biology, Lecture Theatre MAL B34, The Main Birkbeck Building, Torrington Square, London WC1E 7JL

10.00 – 10.25 Registration and refreshments

Morning session chair: Soumya S. Roy, University of York

10.25 – 10.30 Introduction and welcome

10.30 – 11.05 **Lucio Frydman, Weizmann Institute of Science, Israel**
Chemical and Biochemical Dynamics from Hyperpolarised NMR

11.10 – 11.40 **Alan Kenwright, University of Durham**
HD, or not HD: that is the question

11.45 – 12.05 **Claire Dickson, University of Bristol**
Improving NMR methods to solve 3D molecular structure in solution

12.10 – 12.40 **Tina Thiele, Technische Universität Darmstadt**
The Use of (An)isotropic NMR parameters for the structure elucidation of organic and organometallic compounds

12.45 – 13.55 Lunch and refreshments

13.55 – 14.05 NMR DG Business

Afternoon session chair: Sharon Ashbrook, University of St Andrews

14.05 – 14.35 **Alex Breeze, University of Leeds**
Activation and inhibition of FGFR kinases studied using NMR and biophysics

14.40 – 15.10 **Andrew Baldwin, University of Oxford**
Title to be confirmed
BRSB - NMR DG prize winner for excellent contribution to magnetic resonance

15.15 – 15.40 **Susana Ramalheite, University of East Anglia**
Understanding Nanoscale Organisation of Tailored Supramolecular Gels using NMR Spectroscopy

15.45 – 16.20 **Clare Grey, University of Cambridge**
NMR Beyond Li-Ion:Li metal, Na and Mg-ion batteries

16.25 – 16.30 **Closing remarks – Sharon Ashbrook**

16.30 - Refreshments and departure
