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

## **NMR Discussion Group 2018 Christmas Meeting**

**Date of meeting:** Thursday 13<sup>th</sup> December 2018

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

\* The registration point and lecture theatre will be signposted on entering the main Birkbeck Building from Torrington Square.

Dear Member,

One of the principal objectives of the NMR Discussion Group is to provide mechanisms 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 very popular Christmas meeting.

The forthcoming Christmas meeting comprises presentations covering a diverse range of subjects, including recent developments in small molecule characterisation, NMR signal enhancement, reaction monitoring, structure based design in pharmaceuticals 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. The event programme is provided below.

The meeting is scheduled to take place on **Thursday 13<sup>th</sup> 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, and can be found using the link <https://www.ucl.ac.uk/maps/birkbeck-college> . **Please note that the exact lecture theatre details will be confirmed in due course, but will be accessed via the Torrington Square entrance.**

If you would like to attend the event, please complete the on-line registration form via the RSC website, using the link <https://events.rsc.org/rsc/1531/register>

The following link will lead directly to the registration page  
[https://events.rsc.org/rsc/frontend/reg/tSelectBookingMode.csp?pageID=516751&ef\\_sel\\_menu=6754&eventID=1531&tempPersonID=657998](https://events.rsc.org/rsc/frontend/reg/tSelectBookingMode.csp?pageID=516751&ef_sel_menu=6754&eventID=1531&tempPersonID=657998)

Additional details are available on the NMR DG website <http://www.nmrdg.org.uk> .

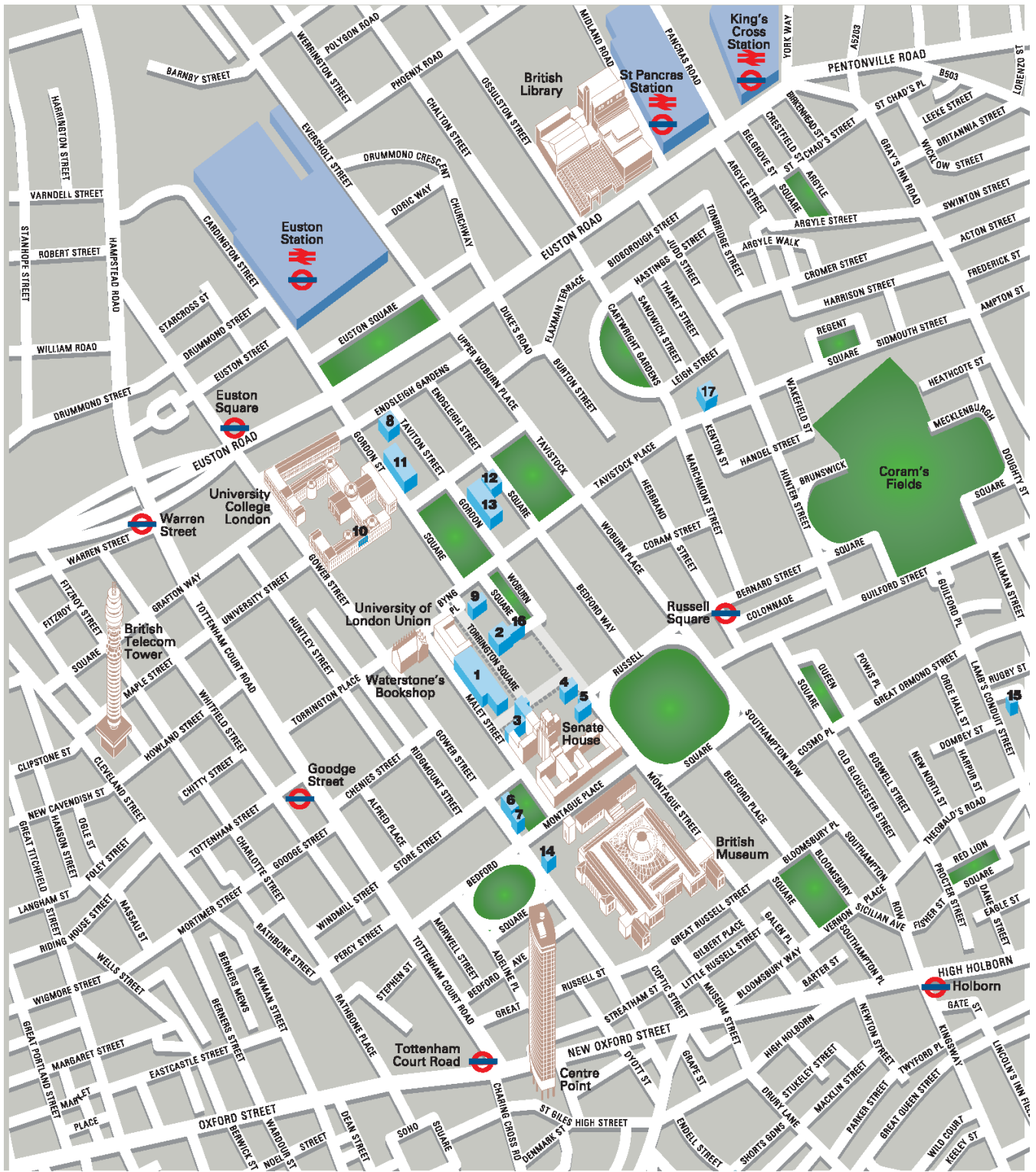
Registration will close on **Monday 3<sup>rd</sup> December 2018** and the standard fee is £55.00 for non-RSC members or £45.00 for RSC members. However, if you are a student or retiree, then a concessionary rate of £30.00 will apply for non-RSC members or £25.00 for non-members. Retirees should enter the code **18nmrret**, when requested during the registration process, to qualify for the discounted rate. Members of affiliated groups, such as the Institute of Physics, will qualify for the same rates as RSC members, and instructions will be provided to access the discounted rate.




The NMR DG Christmas meeting has been organised in conjunction with the BRSG Christmas meeting to be held on Wednesday 12<sup>th</sup> December (The day preceding the NMR DG Christmas meeting). Registration for this meeting is now open, and further details can be found on the Institute of Physics website using the link  
<https://www.iopconferences.org/iop/frontend/reg/tvenue.csp?pageID=745587&eventID=1230>

Yours sincerely,

Prof Simon Duckett – 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 2018 Meeting

Thursday 13<sup>th</sup> December 2018

*Institute of Structural and Molecular Biology, Torrington Square, London WC1E 7JL*

10.00 – 10.25 Registration and refreshments

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

10.25 – 10.30 Introduction and welcome

10.30 – 11.05 **Teo Parella, Universitat Autònoma de Barcelona, Spain**  
Recovering Old Ideas in Modern NMR Spectroscopy

11.10 – 11.40 **Ralph Adams, University of Manchester**  
Silencing the Jingle Jangle of J  
*BRSB - NMR DG Annual Prize for Excellent Contribution to Magnetic Resonance by an Early Career Researcher*

11.45 – 12.05 **Emily Corlett, University of Warwick**  
An NMR Crystallographic Approach to Characterize Lutidine Fumarate Compounds

12.10 – 12.40 **Dušan Uhrin, University of Edinburgh**  
SHARPER NMR

12.45 – 13.55 Lunch and refreshments

13.55 – 14.10 NMR DG Business

**Afternoon session chair: Frédéric Blanc, University of Liverpool**

14.10 – 14.40 **Malcolm Levitt, University of Southampton**  
Nuclear Spins Far from Equilibrium

14.45 – 15.15 **Meghan Halse, University of York**  
Reaction Monitoring using SABRE Hyperpolarised Benchtop NMR Spectroscopy

15.20 – 15.45 **Sarah Mann, University of Warwick**  
Probing Structure and Dynamics in Ionic Liquid Pharmaceuticals by NMR Spectroscopy

15.50 – 16.20 **Reto Walser, Astex Pharmaceuticals**  
Fragment Based Drug Discovery Supported by NMR Spectroscopy

16.25 – 16.30 **Closing remarks – Simon Duckett**

16.30 - Refreshments and departure

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