

Programme

- 1000 – 1025 Arrival, Registration, Poster mounting and Coffee
1025 – 1030 Welcome, Tim Claridge, NMRDG Chairman

Oral Presentation Session 1, session chair: Iain Day

- 1030 – 1050 **Rob Evans**, University of Manchester
Isomer Resolution by Matrix-Assisted DOSY
- 1050 – 1110 **Sarah Bohndiek**, University of Cambridge
Detecting tumour responses to anti-vascular therapy using hyperpolarized [1-¹³C]pyruvate and [1,4-¹³C]fumarate magnetic resonance spectroscopy
- 1110 – 1130 **Tony Cheung**, University of Manchester
NMR investigation of mismatched DNA and its interactions with Escherichia coli MutS
- 1130 – 1150 **Thomas Garner**, University of Nottingham
Effects on ubiquitin binding of Paget's disease mutations in the UBA domain of P62(SQSTM1)
- 1150 – 1210 **John Griffin**, University of St. Andrews
Understanding Water Storage Inside the Earth: Disorder and Dynamics in Hydrous Magnesium Silicates Probed by DFT Calculations and Solid-State NMR
- 1210 – 1230 **Tim Knowles**, University of Birmingham
Structural studies of the β -barrel assembly machinery, the key complex in outer membrane protein assembly

Lunch

- 1230 – 1330 Buffet lunch and mixing

Poster Session

- 1330 – 1400 Odd numbered posters manned
1400 – 1430 Even numbered posters manned

Oral Presentation Session 2, session chair: Mathias Nilsson

- 1430 – 1490 **Nicky Farrer**, University of Warwick
Photoactivated PtIV-azido anticancer complexes
- 1490 – 1510 **Refaat Hamed**, University of Oxford
Monitoring the activities of the crotonase superfamily enzymes by ¹H-NMR in real time
- 1510 – 1530 **Adolfo Botana**, University of Manchester
Suppression of J-modulation in DOSY experiments
- 1530 – 1550 **John King**, University of Manchester
NMR studies of the binding of peptidyl transferase inhibitor antibiotics to conserved secondary structural motifs of 23S ribosomal RNAs.

Close

- 1550 Tea and Coffee
1600 Award of Best Oral Presentation and Best Poster Presentation