

RSC NMR Discussion Group Postgraduate Meeting 19th June 2008

AstraZeneca R&D Charnwood Site,

Bonington Meeting Room, 1st Floor of Building 28

Bakewell Road, Loughborough, Leicestershire LE11 5RH

[Location Map Link](#); [AZ Site Link](#)

This 1-day meeting is aimed at early career researchers (postgraduates, early career postdoctoral workers in their first post and young industrialists within their first 2 years of employment) whose research involves NMR spectroscopy. It will provide an opportunity for showcasing early stage and ongoing research work through oral or poster presentation.

Meeting Details

Final Program

1000 - 1025: Arrival, Registration, Poster Mounting & Coffee

1025 - 1030: Welcome, Tim Claridge, NMRDG Chairman, Mike Bernstein, AZ Local Organizer

Oral Presentation Session 1 Session Chair: John Parkinson

1030 - 1050 Denis Courtier-Murias, University College, London

"Conformational analysis of L-prolines in water"

1050 - 1110 Jevgenij Raskatov, University of Oxford

"NMR Investigations of Chiral Ion Pairing for Asymmetric Catalysis"

1110 - 1130 Toby Athersuch, Imperial College, London

"A Study of Flucloxacillin Biotransformation using Heteronuclear ^{19}F - ^1H Statistical Total Correlation Spectroscopy (HET-STOCSY)"

1130 - 1150 Ya Ying Chen, University of Cambridge

"Quantitative Ultra-Fast MRI: Applications to Controlled Release Drug Delivery Systems"

1150 - 1210 Ian Wilkinson, University of Leicester

"Characterization of the structures of therapeutic antibody-target protein complexes"

1210 - 1230 Clare Fenna, University of Leeds

"Stabilization of I-motifs by 2'-fluorocytidine modifications"

Lunch

1230 -1330: Buffet Lunch, Mixing, AstraZeneca NMR Laboratory Tours

Poster Session

1330 - 1415: Odd Numbered Posters Manned

1415 - 1500: Even Numbered Posters Manned

Oral Presentation Session 2 Session Chair: Mike Bernstein

1500 - 1520 Adolfo Alcalde, University of Manchester

"Analysis of diffusion-relaxation NMR data with PARAFAC"

1520 - 1540 James Jones, University of Liverpool

"Periodic mesoporous organosilicas (PMOs) with domain functionality: synthesis and Solid-state NMR characterization"

1540 - 1600 Angelo de Figueiredo, University of East Anglia, Norwich

"Exploring the protein folding landscape by NMR spectroscopy"

1600 - 1620 Eliza Ploskon-Arthur, University of Bristol

"The heart of fatty acid biosynthesis"

Close

1620: Tea/Coffee

1630: Award of Best Presentation Prize and Official Close of Meeting

1635: AstraZeneca NMR Laboratory Tours

Meeting Registration

The meeting is *free* to all those *who submit an abstract for poster/oral presentation before 17th May 2008*. A total of 10 oral presentations of 20 minutes duration each will be selected from among all abstract submissions. Travel costs associated with attendance at the meeting will be reimbursed in full for those selected to make oral presentations. A limited number of travel bursaries (up to a value of £50 and allocated on a "first-come, first-served" basis) will also be available to RSC members planning to attend the meeting and who also submit an abstract for a poster/oral presentation before 17th May 2008. (Student membership of the RSC is £15 per annum and details for joining are available on the [RSC membership website](#).)

Established researchers are encouraged to attend the meeting along with their early career researchers and are requested to pay a nominal registration fee of £15.00. Early career researchers who wish to attend the meeting but who do not wish to submit an abstract for poster/oral presentation are invited to pay a nominal registration fee of £10.00.

Registration to attend the meeting should be made on the downloadable **Registration Form** which includes space for inclusion of a poster/oral abstract and which should be returned electronically to **Dr. John Parkinson** at john.parkinson@strath.ac.uk

Registration Fees

Established researchers and those wishing to attend the meeting but who do not intend presenting any of their work, are requested to send their registration fee as a cheque made payable to **NMRDG**, to Dr. John A. Parkinson at the following address:

Dr. John A. Parkinson, WestCHEM Department of Pure and Applied Chemistry, University of Strathclyde, 295 Cathedral Street, Glasgow G1 1XL
*before **17th May 2008**.*

Please indicate "NMR-DG Postgraduate Meeting 2008" on the back of your cheque . If you require a receipt for your registration, please include a stamped, self-addressed envelope along with your remittance.

Prize

A prize will be awarded by a panel of judges for the Best Presentation (Poster or Oral) made at the meeting.

Local Organization

Local organizational matters should be referred to Dr. Mike Bernstein, AZ R&D Charnwood, Loughborough: michael.bernstein@astrazeneca.com

Sponsorship

We acknowledge the financial support of the Royal Society of Chemistry for this meeting in the form of an Interest Group Travel Grant and by AstraZeneca for additional financial sponsorship.

