

**NMR Discussion Group and
East Anglia Region of the Analytical Division**

'NMR in Process Chemistry and Development'

GSK Ware, Park Road, Ware, Herts, SG12 0DP on Tuesday 6th March 2007

PROGRAMME

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| 10.00 - 10.25 | Registration, tea and coffee |
| 10.25 - 10.30 | Introduction to the meeting by Dr Stephen Byard, (<i>Sanofi-Aventis</i>) |
| 10.30 - 11.00 | "Impurity Identification in Drug Development"
Dr Ben Bardsley (<i>GSK, Stevenage</i>) |
| 11.00 - 11.30 | "Understanding Reaction Processes: Addressing the PAT Initiative"
Dr Michael Bernstein (<i>AstraZeneca, Charnwood</i>) |
| 11.30 - 12.00 | "NMR and Solid-State Characterisation: The Solid State NMR Spectrometer and Selected Solid State NMR Experiments"
Dr Gerhard Althoff (<i>Bruker Biospin, GmbH</i>) |
| 12.00 - 12.30 | "Pharmaceutical Development: Polymorphs, Solvates and NMR Crystallography"
Prof. Robin Harris (<i>Durham University</i>) |
| 12.30 - 14.00 | Buffet Lunch and Exhibition |
| 14.00 - 14.35 | "NMR Spectroscopy in Ionic Liquids: Solvent Reactivity and Related Effects" Dr Ralf Giernoth (<i>University of Cologne, Germany</i>) |
| 14.35 - 15.10 | "NMR Spectroscopy: Key Technology for the Development of a New Industrial Process for Trioxane Production"
Dr Hans Haase (<i>University of Stuttgart, Germany</i>) |
| 15.10 - 15.30 | Afternoon tea or coffee |
| 15.30 - 16.00 | "A New Release Cell for NMR Micro-Imaging of Tablet Dissolution"
Dr Susanna Abrahmsen-Alami (<i>AstraZeneca, R&D Molndal, Sweden</i>) |
| 16.00 - 16.30 | "Magnetic Resonance Micro-Imaging Studies of Pharmaceutical Pellets: Pore Size Evolution During Drug Dissolution"
Dr Mick Mantle (<i>Cambridge University</i>) |

Any changes to the programme will appear on the following websites
[www.rsc.org/adearegion], [www.rsc.org/nmrdg]
Registration for meeting: **"NMR in Process Chemistry and Development"**

To register for this meeting, please complete and return the form below, together with the appropriate fee to: **Brian Woodget, 5 Meadow Close, Datchworth, Herts, SG3 6TD. [bwoodget@AOL.com]** Registration fees are: **RSC or NMRDG members £65, non-members £95, student/retired members and unwaged £35**

Delegate name:..... Affiliation:.....

Address for correspondence:.....

Tel;.....Fax:.....E-mail:.....

Cheque enclosed for£..... payable to **The RSC/AD East Anglia Region Trust.**

I do/do not have any special dietary requirements - please specify if necessary
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