

**THE ROYAL SOCIETY OF CHEMISTRY**  
**Analytical Division**

**MOLECULAR SPECTROSCOPY GROUP**  
**In association with GlaxoSmithKline**

Thursday 15<sup>th</sup> May 2008, GSK lecture theatre, Gunnels Wood Road  
Stevenage, SG1 2NY

**The Duncan Bryant Memorial Prize**

When their Chairman died in 2005 the committee of the Molecular Spectroscopy Group decided that they would find a appropriate way of recording their gratitude to him and their affection for him. The result is the **Duncan Bryant Memorial Prize** for young analytical chemists working or studying in the pharmaceutical sector.

The inaugural event for this prize will take place on 15<sup>th</sup> May 2008 at the GSK lecture theatre in Stevenage, when a selected group of young chemists will present lectures on topics in pharmaceutical analysis. The prize will be awarded by a small committee for the “best” presentation taking into account scientific interest, preparation of the lecture and clarity of its presentation. An invited over-view lecture on analytical spectroscopy in the pharmaceutical sector will be presented by Dr Mike Webb, while the competition winner is determined.

The prize has been commissioned and presented by Duncan’s former employers, GlaxoSmithKline and is a picture representing different aspects of Duncan’s professional and personal life. The winner will receive a framed print of the picture to retain in perpetuity. The Molecular Spectroscopy Group would like to express their appreciation to GlaxoSmithKline for their generosity in presenting the picture and hosting the inaugural event.

***Programme***

9.45 Welcome Dr Mike Webb (GSK)

9.50 Introduction Professor David Andrews (Chairman, MSG)

10.00 Speaker 1 Michael Wilson, Enhanced problem solving by LC-MS using the LTQ-Orbitrap. GSK, Stevenage.

10.30 Speaker 2 Gavin Blackburn, Biomarker prospecting with a view for pharmaceutical targeting, Loughborough University.

11.00 Coffee

11.30 Speaker 3 Paul T. Whiteside, Quantification of low levels of amorphous lactose using hydrogen/deuterium exchange and FT-Raman spectroscopy. Molecular Profiles Ltd.

12.00 Speaker 4 Keith Chadwick, Molecular assembly in liquid phases as a precursor to crystal nucleation: the case of co-crystal formation. University of Manchester.

12.30 Lunch

13.30 Speaker 5 Kelly Palmer, Construction and transfer of NIR spectral libraries between different instrumental setups. London School of Pharmacy

14.00 Speaker 6 Mark Howdle, Ion mobility-mass spectrometry in pharmaceutical science. Loughborough University.

14.30 General discussion.

15.00 Invited Speaker Dr M. Webb  
An overview of analytical spectroscopy in pharmaceutical analysis  
(Selection Committee decide on winning speaker)

15.45 Presentation of DBMP to winning speaker by Mrs Gaelle Bryant

16.00 Tea

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**REGISTRATION** (Closing date 12<sup>th</sup> May 2008):

There will be no charge for the meeting, the cost of food can be paid on the day by cheque or cash. If you intend to come please complete the registration form and send it to: Dr Ben Bardsley, [ben.2.bardsley@gsk.com](mailto:ben.2.bardsley@gsk.com)  
Or 2F165, Analytical Sciences, GlaxoSmithKline, Gunnels Wood Road, Stevenage, SG1 2NY so that the required security arrangements can be made.

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**RSC/Ad/Molecular Spectroscopy Group Duncan Bryant Memorial Prize Meeting  
15<sup>th</sup> May 2008.**

**I wish to attend the meeting at GSK, Gunnels Wood Road**

**Name** ..... **Title** .....

**E-mail:** .....

**Affiliation** .....

**Special dietary requirements** .....

(Please copy this form for each delegate)