



THE JOINT PHARMACEUTICAL ANALYSIS GROUP

<www.jpag.org>

Analysis of inhaled products

A one-day joint symposium held in association with

**the Inhalation Focus Group of the
Academy of Pharmaceutical Sciences and
the RSC Formulation Science and Technology Group
at the Royal Pharmaceutical Society of Great Britain**

Thursday 15 October 2009

Scope

The development and manufacture of inhaled products presents significant technical and regulatory challenges, in which the generation and interpretation of analytical data plays a key role.

This one-day seminar will examine the current state of the art and future directions in the analysis of inhaled products, drawing on the experience of industry-regulator working groups and academic groups.

Who should attend

This symposium will be of interest to analytical, pharmaceutical and regulatory scientists involved in the development of inhaled products and academic scientists with interests in inhaled drug product characterisation

There will be an opportunity to present **Posters** on the broad subject area of the symposium, subject to acceptance of a submitted abstract; details are on page 2

A customised certificate attesting four hours credit for Continuing Professional Development will be included in the delegate pack for all registrants

Programme

- 09.30** **Registration and coffee**
- 10.00** **Introduction**
Dr Ray Munden,
Chairman, Joint Pharmaceutical Analysis Group
- 10.05** **Regulatory overview: key analytical issues in global product approval**
Dr Prasad Peri, FDA
- 10.45** **Formulators perspective: key analytical issues in expediting product development**
Dr Philippe Rogueda, Novartis
- 11.20** **Relationship between *in-vitro* and *in-vivo* data**
Gary Pitchairn, Pfizer
- 11.55** **Current issues in cascade impaction**
Frank Chambers, AZ
- 12.30** **Lunch and Exhibition ****
- 13.45** **Recent experiences with automation of inhaled product testing**
Dave Russell-Graham, Pfizer, and Andy Rice, GSK
- 14.20** **Evaluating the robustness of drug delivery from nasal spray and nebuliser devices using laser diffraction particle sizing**
Dr Paul Kippax, Malvern Instruments
- 14.55** **Powder rheology as a tool for predicting formulation performance**
Professor Rob Price. University of Bath
- 15.30** **Use of NMR in pMDI development**
Dr Dave Martin, AZ
- 16.05** **Closing remarks**
- 16.15** **Close**

**** Approved Posters** may be displayed. **Abstracts** for presentation as **Posters** should be submitted to Programme Co-ordinator, Dr Andrew Cooper [andrew.d.cooper@pfizer.com] by **Friday 2 October**, following the instructions on the JPAG website.

Joint Pharmaceutical Analysis Group
“Analysis of inhaled products”, Thursday 15 October 2009

Registration form

Please send completed registration forms (one per person; fax or photocopies are accepted) to the Secretariat: Events Coordinator, RPSGB, 1 Lambeth High Street, London SE1 7JN

Delegate fees (*include registration, documentation, lunch and refreshments*). Please tick the appropriate box:

JPAG members	£146	<input type="checkbox"/>
Other members of RSC or RPSGB ** or APSGB	£196	<input type="checkbox"/>
<i>Bona fide</i> students, retired or unemployed members of RSC or RPSGB	£31	<input type="checkbox"/>
Not members of JPAG, or RSC or RPSGB	£246	<input type="checkbox"/>

[**Details on how members of RPSGB and RSC can join JPAG are on the JPAG website.]

I enclose payment of £..... [Please note that there is no charge for VAT]

Details of delegate:

SURNAME: _____ (BLOCK CAPITALS PLEASE)

TITLE (Miss/Mrs/Mr/Dr/Professor) _____ FORENAME _____

ORGANISATION _____

ADDRESS _____

_____ POSTCODE _____

TEL: _____ FAX _____ e-mail _____

Payment of delegate fee: Fees are payable to “The Joint Pharmaceutical Analysis Group” [NOT Royal Pharmaceutical Society]. Please indicate method of payment:

- Cheque in GB pounds sterling payable to “**The Joint Pharmaceutical Analysis Group**”
- Bank Transfer: use Sort Code: 30-99-93. Account Number: 00779842 at Lloyds TSB Bank, 41-43 South Street, Worthing, West Sussex, BN11 3AU **Quote reference: 1009**

Delegate fees are payable upon registration and are not refundable. E-mail confirmation of registration will be sent within 5 working days – please notify if you do not receive confirmation from the Secretariat. Notified substitution is allowed at any time

Enquiries should be addressed to the Secretariat: Events Coordinator. Tel 020 7572 2640; Fax: 020 7572 2506; E-mail: <events@rpsgb.org>

Block bookings for students (to include documentation but not lunch) can be made by Academic supervisors; please ask for details from the Secretariat.

Further information on the programme, submission of abstracts for Poster presentation, location of the venue and local hotels is available on the JPAG website at: <www.jpag.org>

Keeping you informed: The contact details you have provided may be used to keep you informed about future JPAG, RPSGB and RSC events, products and services. If you do not wish to receive such information by any of the methods listed below please indicate by ticking the corresponding box:

Mail Email Telephone

JPAG symposium and conference programmes in 2009

Thursday 23 April 2009 **Impact of ICH Q8, Q9 and Q10: fact or fiction?**
Royal Pharmaceutical Society, London

Thursday 11 June 2009 **Biosimilars and analytical challenges**
Royal Pharmaceutical Society, London

Monday 3 August 2009 **IUPAC General Assembly**
Glasgow.

JPAG symposium: **Quality assurance of medicines and detection of counterfeits**

Submission deadline for podium presentation is 15 January and for poster presentation is 5 June. For details see: www.iupac2009.org

Monday 7- Wednesday 9 September 2009 **British Pharmaceutical Conference**
Manchester International Conference Centre

JPAG symposium: **Combating counterfeit medicines**

JPAG symposium: **Emerging technologies in point-of-care testing**

Presentation of short papers in pharmaceutical analysis. Eligible presentations to be considered for award of the Conference Analytical Science Award (bursary to attend a future conference)

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Royal Pharmaceutical Society, London

For current information see the JPAG website: <www.jpag.org>