

ROYAL PHARMACEUTICAL
SOCIETY



ROYAL SOCIETY OF
CHEMISTRY

JOINT PHARMACEUTICAL ANALYSIS GROUP
www.jpag.org

Analytical methods to combat the counterfeiting of medicines

**A one-day symposium to be held at
GSK R&D, Gunnels Wood Road, Stevenage**

Thursday 16 June 2011



THE JOINT PHARMACEUTICAL ANALYSIS GROUP

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Scope

Sub-standard and counterfeit medicines are a great threat to public health. They may cause death due to the absence of active drug, as found in some vaccines and antibiotics, or because of the presence of a toxic material, such as the substitution of diethylene glycol for glycerol.

Counterfeit medicines are estimated to constitute more than 10% of the global medicines market and in some developing countries it is thought to be as high as 50%. One prediction is that global counterfeit drug sales will reach \$ 75 billion by 2011.

This one-day symposium looks at modern analytical methods to detect counterfeit medicines and the UK government's response to the problem. It is the second symposium in the current series and demonstrates the continuing commitment of JPAG to address the issues in this important topic.

Who should attend

This major symposium will provide essential information for all those involved in protecting pharmaceutical products from counterfeiting:

- in detecting and distinguishing counterfeit medicines
- in developing forensic analytical methods
- in regulatory affairs, surveillance operations and enforcement
- in importing products from uncertain sources

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. There will also be an **exhibition** and details for exhibitors are provided on the JPAG website

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**
- 09.55** **Welcome**
Dr Christine Eckers, GSK, Stevenage
- 10.00** **Introduction**
Ken Leiper, Chairman, Joint Pharmaceutical Analysis Group
- 10.05** **Keynote Presentation: Public health impact of poor quality medicines**
Dr Paul Newton, Centre for Tropical Medicine, Oxford University
- 10.40** **Visual and microscopical analysis in anti-counterfeit investigations**
Garry Fawbert GMS, GSK, Ware and John Warrack, GSK, R&D, Stevenage
- 11.15** **Near-infrared and Raman; laboratory and portable spectroscopic methods**
Dr Neville Broad, Abbott Laboratories, Queenborough
- 11.50** **Seeing is believing ! The wealth of information obtained from NIR images of suspect counterfeit medicines**
Dr Jean-Claude Wolff, GSK, Stevenage
- 12.25** **Lunch, exhibition* and poster viewing*****
- 13.25** **High resolution mass spectrometry and Direct Analysis in Real Time (DART)**
Professor Tony Moffat, School of Pharmacy, University of London
- 14.00** **Profiling by inorganic analysis**
Dr Ruth Hearn, LGC, Teddington
- 14.35** **Deployment of fully portable Raman devices for product authentication**
Dr Mike Claybourn, AstraZeneca, Macclesfield
- 15.10** **Break (no refreshments)**
- 15.20** **The MHRA initiatives**
Dr Ged Lee, MHRA, London
- 15.55** **Panel discussion**
- 16.35** **Closing remarks**
Ken Leiper, Chairman, Joint Pharmaceutical Analysis Group
- 16.40** **Close**

* Enquiries about **exhibiting** should be sent to Dr Christine Eckers, GSK
Christine.2.eckers@gsk.com

*** **Approved Posters** may be displayed. **Abstracts** for presentation as posters should be sent to Programme Co-ordinator, Professor Tony Moffat [tony.moffat@pharmacy.ac.uk] **by Friday 1 April**, following the instructions on the JPAG website.

Joint Pharmaceutical Analysis Group
“Analytical methods to combat the counterfeiting of medicines”, Thursday 16 June

Registration form

Please send completed registration forms (one per person; fax or photocopies are accepted) to the Secretariat: Ms Gabriella Highfield, 3rd floor, Royal Pharmaceutical Society, 1 Lambeth High Street, London SE1 7JN

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

| | | |
|--|------|--------------------------|
| JPAG members | £155 | <input type="checkbox"/> |
| Other members of RSC or RPS ** | £205 | <input type="checkbox"/> |
| <i>Bona fide</i> students, retired or unemployed members of RSC or RPS | £40 | <input type="checkbox"/> |
| Not members of JPAG, or RSC or RPS | £255 | <input type="checkbox"/> |

[****Details** on how members of RPS 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: Please indicate method of payment:

- Credit card: secure payment may be made on-line at: www.rpharms.com/events
- 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: 0611**

Travel arrangements (please tick box, as appropriate); details are on the JPAG website.

- I am travelling by car and will need a reserved parking space at GSK
- I require minibus transfer from Stevenage Railway station **to GSK**
- I require coach transfer from GSK **back to Stevenage Railway station**

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: Ms Gabriella Highfield Tel 020 7572 2640; Fax: 020 7572 2506; E-mail: <events@rpharms.com>

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

Keeping you informed: The contact details you have provided may be used to inform you 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 2010 - 2011

Thursday 2 December 2010 **Characterisation of active pharmaceutical ingredients**
Royal Pharmaceutical Society, London

Thursday 3 February 2011 **Measurement challenges in the analysis of topical products**
Royal Pharmaceutical Society, London

Tuesday 15 March 2011 **BIOMARKERS 2011. Analytical challenges in the quantification and validation of pharmacodynamic biomarkers**
Royal Society of Chemistry, London
[Please note the venue is not the Royal Pharmaceutical Society]

Thursday 16 June 2011 **Analytical methods to combat the counterfeiting of medicines**
GSK Laboratories, Stevenage

2- 6 October 2011 **Spectroscopy and imaging in pharmaceutical analysis**
JPAG session at the FACSS 2011 Conference, Reno, Nevada

Thursday 13 October 2011 **Modern methods of drugs analysis in biological materials: analysis of drugs for the Olympic Games 2012**
Royal Pharmaceutical Society, London

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

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