



# THE JOINT PHARMACEUTICAL ANALYSIS GROUP

**Chairman:** Prof A C Moffat  
**Hon Treasurer:** Dr A H Andrews

**Hon Secretary:** Prof G F Phillips OBE  
**website** [www.jpag.org](http://www.jpag.org)

## COMBATING COUNTERFEIT MEDICINES

**At King's College London – Waterloo campus**

**ON THURSDAY 12<sup>TH</sup> JUNE 2008**

### SCOPE

Counterfeit medicines are estimated as 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 US\$ 75 billion by 2010.

This symposium looks at methods to detect counterfeit medicines, the current and prospective legislative position, and ways to combat counterfeiting. The exhibition presents relevant equipment and systems to detect and combat counterfeit medicines.

### WHO SHOULD ATTEND

- ✓ those involved in protecting branded products
- ✓ in detecting & distinguishing counterfeit medicines
- ✓ in development of forensic analytical methods
- ✓ in regulatory affairs and enforcement & surveillance
- ✓ in secure packaging and labelling
- ✓ in importing products from uncertain sources

*A customised certificate attesting 5 hours credit for Continuing Professional Development will be included in the delegate pack for all registrants*

# PROGRAMME

- 0915**     **Registration and Coffee**
- 1000**     **Introduction:** Chairman JPAG
- 1010**     **The Reality of Combating Counterfeiting in Nigeria**     **Professor Dora Akunyili**  
NAFDAC, Nigeria
- Scope of the problem of fake/counterfeit medicines in Nigeria prior 2001
  - Strategies employed by NAFDAC to combat drug counterfeiting in Nigeria
  - Challenges of drug regulation in Nigeria
  - Gains so far recorded by NAFDAC in the fight against drug counterfeiting in Nigeria
- 1055**     **Survey of the legal situation across the world and suggestions for model legislation**     **Mike Anisfeld**  
Globepharm Consulting,  
Deerfield, IL, USA
- 1140**     **Analyses to detect and profile counterfeit medicines**     **Christine Eckers**  
Analytical methods to detect counterfeit medicines to determine  
GSK, Stevenage
- Is it counterfeit
  - Is there a substitute active
  - What else is present
  - Is this counterfeit from the same source as other counterfeits
- 1225**     **LUNCH and EXHIBITION**
- 1345**     **High throughput screening and field methods**     **Professor Tony Moffat**  
School of Pharmacy, University.  
of London
- NIRS requires no sample preparation, is quick and easy and non-destructive
  - NIRS can compare sources of generic medicines and identify manufacturing sites
  - NIR microscopy can measure homogeneity and particle sizes of tablet components
  - Actives may also be quantified easily and quickly by NIRS
  - Direct Analysis in Real Time (DART) can identify the components in film coats and the actives in the cores of tablets to identify counterfeit medicines quickly and easily
- 1430**     **Action taken by the pharmaceutical industry**     **Dr Harvey Bale**  
D/G IFPMA, Geneva
- Overt and covert markers
  - Wholesaler chain reduction
- 1515**     **UK Government action to detect & prevent counterfeiting**     **Dr Ged Lee**  
MHRA, London
- UK legislative position
  - Surveillance programmes – the Medicines Testing Scheme
  - Laboratory methods
  - Enforcement
  - Working with the industry
  - Research
- 1600**     **Panel Discussion**
- 1630**     **Closing remarks**     **Dr Ray Munden**

# COMBATING COUNTERFEIT MEDICINES: 12 JUNE 2008

## REGISTRATION FORM

*one form per person please: fax or photocopy forms will be accepted*

**Completed registration forms** should be returned by **Wednesday 4<sup>th</sup> June** to:

**Julie Churchill**, 3<sup>rd</sup> floor, Royal Pharmaceutical Society of GB, 1 Lambeth High St., London SE1 7JN

**Enquiries** may be made to: Tel: +44 (0)20 7572 2261; Fax: +44 (0)20 7572 2506; Email [science@rpsgb.org](mailto:science@rpsgb.org)

### REGISTRATION FEES

Registered members of <b>JPAG (must be a registered member before 1st June)</b>	<b>£ 105</b>
Other Members of <b>RSC/RPSGB</b>	<b>£ 175</b>
<i>bona fide</i> Retired/Student/Unemployed members of RSC/RPSGB	<b>£ 25</b>
<u>Not</u> a member of any of these bodies	<b>£ 175</b>

*All fees include registration, symposium documentation, morning coffee and lunch*

**A block booking** can be arranged for Students, including documentation but without lunch  
**PLEASE NOTE that there is NO charge for VAT**

It is regretted that, once registration is accepted, fees cannot be waived but substitutions are allowed at any time

Cheques/BACS payment (in sterling) are payable to "**JOINT PHARMACEUTICAL ANALYSIS GROUP**"  
**NOT** to the Royal Pharmaceutical Society **or** to King's College London

===== **PLEASE COMPLETE AS APPROPRIATE** =====

I wish to attend 'Combating counterfeit medicines' on **Thu 12 June 2008** and I provide a remittance for £ \_\_\_\_\_

Payment must be made before the start of the symposium.

DELEGATE SURNAME \_\_\_\_\_  
(*BLOCK CAPITALS PLEASE*)

TITLE (Miss/Mrs/Ms/Mr/Dr/Prof) \_\_\_\_\_ FORENAMES \_\_\_\_\_

ORGANISATION \_\_\_\_\_

ADDRESS \_\_\_\_\_

POSTCODE \_\_\_\_\_

Tel No \_\_\_\_\_ Fax no: \_\_\_\_\_ e-mail \_\_\_\_\_

**Method of payment** (please tick one box):

- Cheque in GB pounds sterling, made payable to "**The Joint Pharmaceutical Analysis Group**".
- Bank Transfer: use SortCode 30-99-93. Account Number: 00779842, at Lloyds TSB Bank, 41-43 South St., Worthing, West Sussex; BN11 3AU and **Quote ref: 0608**

**Additional Information**

- I am a member of the JPAG
- While not a member of JPAG, I am a member of RSC or RPSGB
- I am currently a **FULLY RETIRED** or **UNEMPLOYED** member of RSC or RPSGB
- I am a *bona fide* **STUDENT** at [name INSTITUTION] \_\_\_\_\_  
(address) \_\_\_\_\_
- I would like to be sent directions **for travel** to King's College London – Waterloo Campus