



The 4th International Conference and Exhibition

# Process Analytical Technologies in Organic Process R&D



The Hotel Bloom!, Brussels, Belgium  
17 & 18 March 2009

Media Sponsors



## Who Should Attend?

- Organic Chemists
- Research & Development Chemists
- Engineers
- QA and Regulatory Personnel
- Heads of Departments & Team Leaders

## Scientific Update Conferences 2009

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**We've Got Chemistry**

## Registration includes:

- Attendance at all the sessions
- Set of Colour Conference Proceedings
- Lunch & refreshments daily
- Access to the exhibition
- Place at the Networking Reception
- FREE Poster Board

## Don't miss out.

Attend this conference and keep up to date with the latest developments in Process Analytical Technologies!

## About the Organisers

Scientific Update are the leading international providers of Conferences, Training Courses and Consultancy services to the worldwide scientific community.

For twenty years, Scientific Update has been delivering focused, continuing education for chemists and chemical engineers in the pharmaceutical, fine chemicals, agrochemicals, flavour and fragrance, and process chemistry markets and are the acknowledged leaders in the field.

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**Now in it's fourth year, our Process Analytical Technology (PAT) conference is dedicated to process chemistry and organic synthesis, contrasting with other PAT events which are predominantly formulation focused.**

With an emphasis on the science and technology associated with the synthesis and manufacture of active pharmaceutical ingredients (APIs), the aim is to showcase the use of PAT as a tool for increasing process understanding, robustness, reproducibility and efficiency, both in development and commercial production. In addition to highlighting technical progress, issues and challenges in both lab and plant, we will also feature regulatory, QA, GMP and validation challenges associated with the adoption of PAT for API across the industry.

The meeting is aimed at organic chemists, engineers, QA and regulatory people working in or alongside chemical process R&D and related areas. We have invited experts from all over the world to discuss their latest progress, with case studies and examples of some of the pitfalls and how they can be overcome.

**Book your place today on the only chemistry-focused PAT Conference!**

## How will you benefit from attending PAT?

- **Hear from key speakers** presenting important and detailed case studies
- **Discover how strategies** are evolving to meet the challenges of today's PAT issues
- **Hear how your peers** are developing solutions to common problems
- **Keep yourself up to date** with current developments and future trends on PAT in organic process research and development
- **Meet and network** with key people working in the chemical and pharmaceutical industries
- **Save time.** Scientific Update always invites experts who can impart the latest essential information to you right now
- **Publish & Present** your technical poster FREE (call for more information)

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## Hear from an international panel of speakers, including:

**Dr Jean Blehaut**, Novasep SAS, France  
When PAT Improves the Separation of Chiral Compounds in the Pharmaceutical Industry

**Dr Reyer Dijkstra**, NV Organon, The Netherlands  
Reaction Monitoring in Early Development

**Dr Mark Dittenhafer**, The Dow Chemical Company, USA  
Transformation of High-Throughput Heterogeneous Catalysis Research with Process Analytical Tools

**Mr Neil McDowall**, Pfizer Global R&D, UK  
The Application of PAT to the Pfizer-Sandwich API Drug Substance Portfolio

**Dr Rob M Geertman**, Schering-Plough Corporation, The Netherlands  
Intelligent Observer and Control for (Seeded) Batch Cooling Crystallisation

**Mr Dominique Hebrault**, Mettler Toledo, USA  
PAT and Process Control: Hybrid Real Time Technologies for Enhanced Chemical Development

**Dr Jessica Liang**, Novartis Pharmaceuticals Corporation, USA  
Risk-Based Approach to the Development of Robust Crystallisation Processes for Polymorphic APIs

**Dr John O'Reilly**, Roche Ireland Ltd, Ireland  
To be confirmed

**Dr Koen De Smet**, Johnson & Johnson PR&D, Belgium  
PAT: 'I came, I saw, I understood, I controlled!' .... Case Studies Within Development and Production

**Dr Eric J Stoner**, Abbott Laboratories, USA  
To be confirmed

**Dr Anthony Walmsley**, CFACT / University of Hull, UK  
On-Line Classification in the Process Industries

**Dr Jacques Wiss**, Novartis Pharma AG, Switzerland  
Case Studies: Successfully Implementing On-Line Analytics for Pharmaceutical Processes

For complete programme information, visit our website

[www.scientificupdate.co.uk](http://www.scientificupdate.co.uk)

## Venue



**Hotel Bloom!**  
rue Royale 250, B-1210  
Brussels, Belgium  
[www.hotelbloom.com](http://www.hotelbloom.com)

A limited number of rooms have been reserved at the hotel, at a special rate of €175 plus taxes (single occupancy). Please use the hotel booking form which will be sent to you when you register.

**SAVE £300!\***

Register for this event AND our Polymorphism & Crystallisation conference at the same venue on 19 & 20 March.

## Terms and Conditions

Our Conferences are extremely popular and early booking is recommended. Please complete and return the form overleaf with full payment. Cancellation must be sent in writing. If notice of a cancellation is received outside of thirty days of the event there will be a £200 cancellation fee, otherwise all fees are forfeited. Substitutions are permitted at any time. Scientific Update reserves the right to alter the arrangements as described due to unforeseen circumstances. For the full terms and conditions, please see our website.

## Timings

### Registration

From 8.00am on Tuesday  
17 March.

### Day 1 - Tues 17 March

Starts at 8.55am and ends at 5.45pm. It is immediately followed by the Networking Reception.

### Day 2 - Wed 18 March

Starts at 8.55am and ends at 3.30pm

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I would like to receive the FREE bi-monthly e-Newsletter 'What's New in Process Chemistry'

## Delegate Fees per person

Early Bird £995.00 **SAVE £200!**  
 Register **BEFORE** 31 December 2008

Standard Fee £1195.00

Academic Fee £350.00

I would like to present a poster

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## Exhibitor Fees

Exhibitor Package £2000.00  
 (includes one exhibitor attending).

Additional exhibitors at £500 per person  
 Please enter the number of places required

## Special Offer

I wish to also register for the Polymorphism & Crystallisation Conference and claim my **£300 DISCOUNT!\***

Purchase Order Number

Please copy this form for additional delegates.

Group discounts are available. Please call us for details.



\*May not be used in conjunction with our Early Bird discount.

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