



The 8th International Conference and Exhibition

Polymorphism & Crystallisation: Chemical Development Issues



The Hotel Bloom!, Brussels, Belgium
19 & 20 March 2009

Media Sponsors



Who Should Attend?

- Process Research & Development Chemists
- Organic Chemists & Chemical Engineers
- Non-chemists involved in Chemical Development and Manufacturing
- Non-chemists wanting to gain an understanding of form issues.

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 Polymorphism & Crystallisation

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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The reproducible production of organic crystals in the correct form (habit, solvate, polymorph) and particle size is a source of much heart-ache to chemists, engineers, pharmacists and formulators.

Although production of new polymorphs and solvates can be a source of profit for companies through extension of the patent lifetime, the inability to manufacture a consistent crystalline form often leads to costly project delays, particularly in chemical development. This conference will focus on these issues from the viewpoint of the process chemist and chemical engineer; i.e. on chemical development issues which impact the ability to routinely manufacture the chosen crystalline form, whether this be the most stable or a metastable crystal.

Case studies from different companies will show how they identify and solve these extremely difficult issues in different ways, depending on how far the project is along the development time line. Experts in the field will also give lectures on problem solving and troubleshooting, as well as giving insight into new techniques (supercritical fluids, polymorph prediction etc.), which will be of value in the future.

Book your place today on the most focused conference on Polymorphism & Crystallisation!

How will you benefit from attending Polymorphism & Crystallisation?

- **Hear from key speakers** presenting important and detailed case studies
- **Discover how strategies** are evolving to meet the challenges of today's polymorphism & crystallisation issues
- **Hear how your peers** are developing solutions to common problems
- **Keep yourself up to date** with current developments and future trends in polymorphism & crystallisation
- **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:

Professor Dario Braga, University of Bologna, Italy
How to Survive in a Multiple Crystal Forms Environment

Dr Steven Brown, University of Warwick, UK
High-Field Solid-State NMR: Characterising Polymorphs in Tablet Formulations

Dr Colm Campbell, Helsinn Chemicals, Ireland
Interfacing Technology with Sound Crystallisation Practice: Towards a Better Understanding of Supramolecular and Bulk Material Properties

Dr Robert D Dennehy, GlaxoSmithKline, UK
Using Experimental Design to Understand Pharmaceutical Crystallisation

Professor Alastair J Florence, University of Stathclyde, UK
Automated Parallel Crystallisation Searches and Crystal Energy Landscapes

Dr Simon Gaisford, University of London School of Pharmacy, UK
Novel Calorimetric Techniques for Identifying and Characterising Solid Forms

Dr Rolf Hilfiker, Solvias AG, Switzerland
Amorphous Content: Quantification in Drug Substance and Drug Product

Dr Mick Hurrey, Vertex Pharmaceuticals, USA
A Case Study in Manufacturing Polymorph Control

Professor Richard Kellogg, Syncom BV, The Netherlands
Attrition-Enhanced Ostwald Ripening as a Route to Single Chirality

Dr Frank J J Leusen, University of Bradford, UK
Crystal Structure Prediction: Current Status, Applications and Challenges

Dr Thimma Rawalpally, Roche Carolina Inc., USA
Integrated Drug Development for a VCAM Integrin Antagonist: A Case Study

Dr Susan Reutzel-Edens, Eli Lilly & Co., USA
Designing Pharmaceutical Solids: The Role of Chemical Development in Transforming Molecules into Medicines

Professor Kevin J Roberts, University of Leeds, UK
To be confirmed

For complete programme information, visit our website

www.scientificupdate.co.uk

Venue



Hotel Bloom!
rue Royale 250, B-1210
Brussels, Belgium
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 Process Analytical Technologies conference at the same venue on 17 & 18 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 Thursday 19 March.

Day 1 - Thurs 19 March

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

Day 2 - Friday 20 March

Starts at 8.55am and ends at 3.30pm

Polymorphism & Crystallisation

The Hotel Bloom!, Brussels, Belgium 19 & 20 March 2009

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