



SCIENTIFIC
UPDATE

We've got chemistry

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Celebrating 30 years serving
the global chemistry industry

1989 - 2019

POLYMORPHISM & CRYSTALLIZATION CONFERENCE

Chemical Development Issues

8-9 APRIL 2019

**Cambridge,
Boston, USA**

Royal Sonesta Hotel



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CONFERENCE INTRODUCTION

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 different organisations 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 novel techniques (co-crystals, supercritical fluids, polymorph prediction, etc), which will be of value in the future.

WHY ATTEND?

Benefits of attending this conference:

- > **Benefit** by learning from 14 speakers who will present important detailed case studies.
- > **Save time.** Scientific Update always invites experts in their fields who can impart important information to you right now.
- > **Learn** how industry strategies are evolving to meet the challenges of today's market.
- > **Hear** how your peers are developing solutions to common problems.
- > **Bring yourself up to date** on current developments and future trends.
- > **Meet and network** with the key people in the chemical and pharmaceutical industries.

CONFERENCE FEES

Early Bird Rate	\$1,595
Book before 31st December 2018	
Standard Rate	\$1,695
After 1st January 2019	
Exhibition Fee	\$2,695
Includes ONE delegate	
Additional Exhibitor	\$899
(max. additional 2 can be booked)	

CONFERENCE TIMINGS

Monday 8 April

8.00 - 8.55am	Registration
8.55am - 5.45pm	Conference in Session
5.45pm - 7.30pm	Welcome Reception

Tuesday 9 April

8.55am - 4.00pm	Conference in Session
4.00pm	Conference Ends

INTERNATIONAL PRESENTATIONS

14 International Speakers including:

Dr Richard Becker,
Blaze Metrics, USA
*Next Generation Technology for
Insitu Polymorph Detection and
Transition Tracking*



Dr Shanming Kuang,
Crystal Pharmatech, USA
*Case Studies on Controlling Solid
State Attributes of Drug Substances
by Crystallization*



Dr Ann Czyzewski,
AbbVie, USA
*Use of a Polymer Additive
To Enhance Impurity Rejection
in the Crystallization of a
Pharmaceutical Compound*



Dr David Maillard,
Merck, Germany
Title to be confirmed



Dr André De Vries,
InnoSyn B.V., The Netherlands
Title to be confirmed



Dr Henry Morrison,
Gilead, USA
*Use of Twin Screw Extruders as a
Process Chemistry Tool: Application
of Mechanochemistry to Support
Early Development Programs*



Dr Rolf Hilfiker,
Solvias AG, Switzerland
*Development of Methods to
Quantify Solid Form Purity*



Dr Rositza Petrova,
Merck, USA
*From Crystal Structure to Isolation
Process and Formulation Selection*



Dr Kazuhiro Takeguchi,
Astellas, Ireland
Title to be confirmed



SPONSORSHIP

Why not Sponsor this conference!

We have several sponsorship opportunities available for this event.

Please contact Dr Claire Francis to discuss how your company can benefit and the packages on offer.

Email Claire@scientificupdate.com
or call +44 1435 873062

FLOW CHEMISTRY AND CONTINUOUS PROCESSING CONFERENCE

8–9 APRIL 2019

**Royal Sonesta Hotel,
Cambridge, Boston, USA**

Running alongside this event is our Flow Chemistry Conference, please do pass on the enclosed brochure to any of your colleagues interested in this field.



EXHIBITION OPPORTUNITIES

Why not Exhibit at this prestigious conference. There will be plenty of opportunities to network with key decision makers in a relaxed and informal environment.

For more details on what the Exhibition package includes, visit our website www.scientificupdate.com or give us a call to discuss further.

**BOOK
NOW!**

VENUE

Royal Sonesta Hotel Boston

40 Edwin Land Boulevard
Cambridge, MA 02142

+1.617.806.4200

sonesta.com/boston

Set on the Cambridge side of the Charles River, this upscale hotel is a 10-minute walk from Lechmere Square and 1.5 miles from Boston Common. Offering river or skyline views, the modern, colorful rooms include free Wi-Fi and flat-screen TVs. Amenities include a coffee shop and 2 riverfront

restaurants, as well as a fitness center with an indoor pool and a sundeck. A special conference rate has been organised at the hotel and details will be provided when you receive the joining instructions for the conference.



ABOUT THE ORGANISERS

Scientific Update is the leading international provider of conferences, training courses and consultancy services to the worldwide scientific community.

For thirty years, Scientific Update has been delivering focused continuing education for chemists and chemical engineers in the pharmaceutical, fine chemical, agrochemical, flavour and fragrance, and process chemistry markets.

Scientific Update is the acknowledged leader in its field.

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WHO SHOULD ATTEND?

- > Process Research & Development Chemists
- > Organic Chemists and Chemical Engineers
- > Anyone involved in Chemical Development and Manufacturing
- > Anyone working with Crystallization and Solid Form Selection and Analysis

Registration includes:

- > Attendance at all the sessions
- > Set of colour conference proceedings
- > Lunch & refreshments daily
- > Access to the exhibition
- > Place at the Welcome Reception
- > FREE Poster Board

Terms & Conditions

Please complete and return the form overleaf with full payment details. Cancellation must be sent in writing. If notice of a cancellation is received more than thirty days prior to the event, there will be a \$500 cancellation fee. If notice is received less than thirty days before the event, 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.

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