



**SCIENTIFIC  
UPDATE**

*We've got chemistry*

**30**

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

# POLYMORPHISM & CRYSTALLIZATION CONFERENCE

Chemical Development Issues

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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](mailto: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](http://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](http://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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