

# Organic Process Research & Development



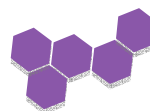
**SCIENTIFIC  
UPDATE**

*We've got chemistry*

*A 3-day Conference and Exhibition*

**Meliá Milano Hotel, Milan, Italy  
29 – 31 October 2018**

## PROGRAMME



### Monday 29 October 2018

From 8.15      **Registration and morning coffee**

**Morning Session Chairman:**    *Dr Will Watson | Scientific Update Ltd*

8.55            **Opening Remarks**

9.00            **Dr Xiaohu Deng | Kura Oncology Inc., USA**  
*Case Studies: Value-Drive Chemical Innovation in Different Business Paradigms*

9.45            **Dr Claudio Battilocchio | Syngenta Crop Protection AG, Switzerland**  
*Continuous Preparation and Use of Dibromoformaldoxime as a Reactive Intermediate for the Synthesis of 3-Bromoisoxazolines*

10.30          **Coffee and Exhibition, kindly sponsored by**

ORGANIC PROCESS RESEARCH & DEVELOPMENT

**OPR&D**

11.15          **Prof. Thorsten Röder | Hochschule Mannheim, Germany**  
*Kinetic measurements, online Spectroscopy, and Scale-Up in Micro Reactors*

12.00          **Dr Christophe Hardouin | Servier, France**  
*Multi Kilogram-Scale Synthesis of an Anticancer Drug Candidate: A Journey Towards Development of Some Key Reactions*

12.45          **Lunch and Exhibition**

**Afternoon Session Chairman:**    *Dr Trevor Laird | Founder of Scientific Update LLP*

14.00          **Dr Stefan Schnippering | Albemarle Germany GmbH, Germany**  
*Butyllithium Beyond 2.5: Lithiations in Continuous Flow*

14.45          **Dr Iwona Kaluzna | InnoSyn B.V., The Netherlands**  
*Development and Application of Hydratase Technology for the Sustainable Synthesis of Chemical Products and Intermediates*

15.30          **Coffee and Exhibition, kindly sponsored by**



16.15 **Dr Benjamin D. Sherry** | Merck Sharp & Dohme, Inc., USA  
*Development of Efficient Processes to Nitrogen Heterocycles*

17.00 **Dr Antonio Zanotti-Gerosa** | Johnson Matthey, UK  
*Homogeneous Hydrogenation: Beyond Chiral Applications*

17.45 **End of Day 1**

17.45 **Welcome Reception kindly sponsored by:**



## Tuesday 30 October 2018

**Morning Session Chairman: Dr John Studley** | Scientific Update Ltd

8.40 **Opening remarks**

8.45 **Professor Xiong-Wei Ni** | NiTech Solutions Ltd, UK  
*Recent Development in Continuous Reaction and Continuous Crystallization*

9.30 **Dr Mahesh Sanganee** | GlaxoSmithKline, UK  
*GSK2879552F (LSD1): Development of Stahl Oxidation and Enzymatic Chemistry*

10.15 **Coffee and Exhibition Sponsored by:**



11.00 **Dr Robert Appell** | The Dow Chemical Co., USA  
*History of Cellulose Ether Excipient Manufacturing*

11.45 **Mr Andrzej Tracz** | Apeiron Synthesis S.A., Poland  
*Process Oriented Olefin Metathesis – Development and Application of Cyclic Alkyl Amino Carbene Ruthenium Complexes*

12.30 **Lunch and Exhibition, sponsored by:**



2.00 – 5.30

### **Polymorphism & Crystallisation | Optional Short Course**

This short course will start with an introduction and overview on the subject of crystallisation and polymorphism, and will then include a series of case studies designed to examine particular aspects of the subject. The case studies will include modifying a crystallisation to control particle size distribution, the issue of appearing and disappearing solid forms, such as polymorphs, hydrates, and solvates, and show how various companies approach different problems. In addition some comments on online and offline analysis of crystallisation systems will be included.

**Tutor: Dr Will Watson, | Scientific Update Ltd**

## **Wednesday 31 October 2018**

**Morning Session Chairman: Dr Will Watson, Scientific Update Ltd**

8.25 **Opening remarks**

8.30 **Professor Hans-René Bjørsvik** | University of Bergen, Norway  
*Multi-gram Synthetic Processes Involving Continuous Flow Reactors Telescoped with Semi-Continuous Work-Up and Purification Steps*

9.15 **Dr Andreas Schuster** | F. Hoffmann-La Roche AG, Switzerland  
*Critical Process Parameters - Determination and Quantification of Criticality*

10.00 **Coffee and Exhibition, kindly sponsored by**



10.45 **Dr Bernhard Gutmann** | Lonza, Switzerland  
*Continuous Flow Techniques for Fine Chemical Manufacturing*

11.30 **Dr David Thaisrivongs** | Merck Sharp & Dohme, Inc., USA  
*The Development of a Commercial Manufacturing Route for Verubecestat*

12.15 **Conference Ends, Boxed lunches available**

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