

Organic Process Research & Development



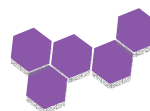
**SCIENTIFIC
UPDATE**

We've got chemistry

A 3-day Conference and Exhibition

**The Sheraton Sandkey Resort, Clearwater, Florida, USA,
5 – 7 March 2018**

PROGRAMME



Monday, March 5th 2018

From 8.15 **Registration and morning coffee**

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

8.55 **Opening Remarks**

9.00 **Dr Pär Holmberg** | Cambrex, **USA**
L-selectride as an efficient reagent for 3-O-demethylation of opiates in the development of a manufacturing process for buprenorphine

9.45 **Dr Paul Gauvreau** | Johnson Matthey, **USA**
The Evolution of a Production Process for Oxycodone HCl

10.30 **Coffee and Exhibition**

11.15 **Dr Adam Brown** | Pfizer, **USA**
Title to be confirmed

12.00 **Dr André de Vries** | InnoSyn B.V., **The Netherlands**
Title to be confirmed

12.45 **Lunch and Exhibition**

Afternoon Session Chairman: *Name to be confirmed | Organization*

2.00 **Dr Andrei Zlota** | The Zlota Company, LLC, **USA**
Quality by Design (QbD): A Progress Report from the Field

2.45 **Dr Richard Fox** | Bristol Myers Squibb, **USA**
Highlights in the Process Development of Commercial Syntheses for Late-Stage Active Pharmaceutical Ingredients

3.30 **Coffee and Exhibition**

4.00 **Dr Susie Riegel** | Nanalysis Corp, **Canada**
Developments of Online Benchtop NMR as a Process Analytical Technology

4.45 **Speaker Name to be confirmed** | **Boehringer Ingelheim Inc., USA**
Title to be confirmed

5.45 **End of Day 1**

5.45 **Welcome Reception**

Tuesday, March 6th 2018

Morning Session Chairman: *Name to be confirmed* / Organisation

- 8.40 **Opening remarks**
- 8.45 **Dr Paul Richardson** | Pfizer, **USA**
An Automated Platform for Expedited Reaction Optimization
- 9.30 **Dr Dave Leitch** | GlaxoSmithKline Pharmaceuticals Inc., **USA**
A Combined High-Throughput and Mechanistic Approach to the Development of Catalytic Reactions for API Synthesis
- 10.15 **Coffee and Exhibition**
- 11.00 **Dr Zhe Wang** | Abbvie, **USA**
Potential Safety Hazards Associated with Using Acetonitrile and a Strong Aqueous Base
- 11.45 **Dr Tomas Smejkal** | Syngenta Crop Protection AG, **Switzerland**
Transition Metal Catalysis for the Synthesis of Agrochemicals
- 12.30 **Lunch and Exhibition**
- 2.00 – 5.30 **OPTIONAL SHORT COURSE | SCALING UP HAZARDOUS CHEMISTRY**

This short course will examine what constitutes hazardous chemistry and then describe the various testing methods that can be applied to hazardous chemistry. The course will include several industrial case studies and recommendations on how to proceed with the development of a hazardous process.

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

Wednesday, March 7th 2018

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

- 8.25 **Opening remarks**
- 8.30 **Dr Qiang Yang** | Dow AgroSciences LLC, **USA**
Evaluation of Potential Reactive Chemistry Hazards Associated with the Suzuki-Miyaura Cross Coupling of Aryl Bromides with Potassium Vinyltrifluoroborate
- 9.15 **Professor C. Oliver Kappe**, University of Graz, Austria
On-Site On-Demand Continuous Generation of Reagents and Intermediates
- 10.00 **Coffee and Exhibition – Coffee break sponsored by**
- 10.45 **Dr Michael Parmentier** | Novartis, **Switzerland**
Title to be confirmed
- 11.30 **Dr Andy Teasdale** | AstraZeneca, **UK**
A day in the life of an Impurities Advisor – reflection on challenges and solutions to problems encountered and lessons learnt
- 12.15 **Conference Ends, Boxed lunches available**