

Flow Chemistry & Continuous Processing



**SCIENTIFIC
UPDATE**

We've got chemistry

A 2-day Conference and Exhibition

Royal Sonesta Hotel | Cambridge, Boston, USA

PROGRAMME

Monday May 11, 2020

From 8.15 **Registration**

Morning Session Chair: *Dr John Studley, Scientific Update Ltd*

8.55 **Opening Remarks**

9.00 **Mr Steve Guinness, Pfizer, USA**

Implementation of Continuous Processing in the Pfizer Portfolio

9.45 **Dr Richard Bourne, University of Leeds, UK**

Self-Optimising Reactor Platforms for Rapid Development of Pharmaceutical Processes

10.30 **Coffee and Exhibition**

11.15 **Dr Jesús Alcázar, Janssen Pharmaceutical Companies of J&J, Spain**

Flow Chemistry in Drug Discovery: Present and Future

12.00 **Dr Frederic Buono, Boehringer-Ingelheim, USA**

API Development using Continuous Flow Technology

12.45 **Lunch and Exhibition**

Afternoon Session Chairman: *Name, Company, Country*

14.00 **Dr Rinus Broxterman, InnoSyn B.V CTO, The Netherlands**

The CryoFlowSkid : plug & produce

14.45 **Dr Anna Dunn, GlaxoSmithKline, USA**

Enabling Continuous Flow Iodination of an Unstable ArLi Species through Reaction Monitoring and Mechanistic Understanding

15.30 **Coffee and Exhibition**

16.15 **Dr Gianvito Vilé, Bracco Imaging and Politecnico di Milano, Italy**

Novel Sustainable Routes for the Synthesis of Small Molecules in Flow Reactors

17.00 **KEYNOTE SPEAKER**

Professor C. Oliver Kappe | University of Graz, Austria

*From Flow Chemistry in the Lab towards Industrial Implementation on Scale –
Case Studies on Continuous API/intermediate Synthesis*



18.00 **End of Day 1 – Welcome Drinks Reception**

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Tuesday May 12, 2020

Morning Session Chair: Name, Company | Country

8.10 **Opening remarks**

8.15 **Dr Cecilia Bottecchia**, Merck, USA

Enabling Flow Photochemistry: Moving from Lab to Pilot Scale

9.00 **Dr Connor Coley**, MIT, USA

Combining AI Planning and Laboratory Automation to Streamline Flow Synthesis

9.45 **Dr Carlos Mateos**, Eli Lilly and Co., Spain

Flow Chemistry Applications in MedChem and Early Drug Development

10.30 **Coffee and Exhibition**

11.15 **KEYNOTE SPEAKER**

Professor François-Xavier Felpin, University of Nantes, France

Digitalization of Organic Chemistry: Associating Autonomous Flow Reactors with Real-time Analyses and Feedback Algorithms



12.15 **Dr Janine Tom**, Amgen, USA

Applying a Kinetic Model to a Drug Substance Process to Improve Quality Attributes through Synthetic Continuous Manufacturing

13.00 **Lunch and Exhibition**

Afternoon Session Chairman: Dr Will Watson, Scientific Update Ltd

14.00 **Dr Matthew Bio**, Snapdragon Chemistry Inc., and

Dr Hannah Murnen, Compact Membrane Systems, USA

Membrane Separation of Ethylene: Enabling Metathesis in Flow

14.45 **Mr Wouter Stam**, Flowid BV, The Netherlands

The Benefits of Using SpinPro for Multiphase Reactions

15.30 **Dr Andrea Adamo** | Zaiput Flow Technologies, USA

Title to be confirmed

15.30 **Conference Ends**

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