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, 2019

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**

Flow Chemistry & Continuous Processing

SCIENTIFIC UPDATE
We've got chemistry

Tuesday May 12, 2019

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**