

Organic Process & Research Development



PROGRAMME

9-11 December 2020, Virtual

From 2.00pm (UK); 3.00pm (Central Europe); 9.00 am (EST); 6.00 am (PST) each day

Wednesday 9 December

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

- 2.00pm **Opening Remarks – Dr John Studley**
- 2.05pm **Dr Serena Fantasia** | F. Hoffmann-La Roche Ltd, Switzerland
Turning literature procedures into robust processes: Arts and Crafts of a PR&D chemist
- 2.50pm **Dr Cynthia Hong** | Merck & Co., Inc., USA
The Development of a Greener Process to 2-fluoroadenine for Islatravir
- 3.35pm **Break**
- 4.00pm **Dr George Li** | GlaxoSmithKline, USA
Convergent Synthesis of the NS5B Inhibitor GSK8175 Enabled by Transition Metal Catalysis
- 4.45pm **Switch over time - Grab a coffee and join us on Zoom!**
- 5.00pm **Hosted Discussion Sessions – Session 1 (choose 1)**
- Room 1 | Johnson Matthey**
Catalysis for fine chemicals: Opportunities for optimized processes
- Room 2 | Technobis Crystallization Systems**
Solvent Selection in Pharmaceutical Crystallization Process Development
- Room 3 | Phosphonics**
Optimising scavenging processes for more sustainable and cost effective chemical processes

Thank you to our 5-star sponsor ★★★★★

JM **Johnson Matthey**
Inspiring science, enhancing life

Organic Process & Research Development

Thursday 10 December

Session Chair: *Dr Will Watson, Scientific Update Ltd*

- 2.00pm **Opening Remarks – Dr Will Watson**
- 2.05pm **Dr Danny Mortimer** | Johnson Matthey, USA
Improving Hydrogenation Performance with Heterogeneous Catalysts
- 2.50pm **Professor C Oliver Kappe** | University of Graz, Austria
From Flow Chemistry in the Lab towards Industrial Implementation on Scale – Case Studies on Continuous Flow Chemistry
- 3.35pm **Break**
- 4.00pm **Dr Robert Singer**, Pfizer, USA
Applications of Pd-Catalyzed Couplings to Industrial Processes
- 4.45pm **Switch over time - Grab a coffee and join us on Zoom!**
- 5.00pm **Hosted Discussion Sessions – Session 2 (choose 1)**
- Room 4 | Scale Up Systems**
Kinetics Workshop – Converting Experimental Data to Process Knowledge
- Room 5 | Merck**
Supporting Chemical Synthesis and Applications from Bench to Bulk Scale
- Room 6 | Umicore**
Sustainable Chemistry Enabled by Precious Metal Catalysis

Friday 11 December

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

- 2.00pm **Opening Remarks – Dr John Studley**
- 2.05pm **Professor Harald Gröger** | Bielefeld University, Germany
Alternative Retro-Synthetic Approaches towards Fine Chemicals & Pharmaceuticals by means of Enzyme Catalysis
- 2.50pm **Dr Jérôme Boni**, Novasep, France
How to develop large scale chromatographic purification processes for APIs – a practical approach for process development and scale-up.
- 3.35pm **Break**
- 4.00pm **Mr James Morrison** | AstraZeneca, UK
React, racemise, recycle, repeat: Generating value from a waste stream in the manufacture of Lanabecestat.
- 4.45pm **Virtual Conference Ends**

Organic Process & Research Development

Many thanks to our sponsors...

★★★★★ 5 STAR SPONSOR

JM **Johnson Matthey**
Inspiring science, enhancing life

★★★★ 4 STAR SPONSORS

Bellen

 **PhosphonicS**

MERCK

 **Scale-up Systems**

Technobis

crystallization systems


umicore
Precious Metals Chemistry

★★★ 3 STAR SPONSORS

 **ASYMCHEM**

 **Biotage**[®] **deepmatter**[™]