



Organic Process & Research Development

March 14 – 16, 2022 | New Orleans

Monday, March 14, 2022

8.15 am Registration and Morning Coffee

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

8.55 am Opening Remarks

9.00 am **Dr Chris Senanayake** | TCG GreenChem Inc., USA
Title to be confirmed

Dr Kurt Puentener | F. Hoffmann-La Roche Ltd, Switzerland
9.45 am Catalysis & Flow Reactions at Roche: Recent Highlights & New Insights in Asymmetric Hydrogenations of β -Ketoester and α,γ -Diketoesters

10.30 am Coffee Break and Visit Exhibition Booths

11.15 am **Dr Russell Cink** | AbbVie, USA
Process Development for Glecaprevir

12.00 pm **Name to be confirmed** | Boehringer Ingelheim, USA
Title to be confirmed

12.45 pm Lunch and Visit Exhibition Booths

Afternoon Session Chair | **Dr Will Watson**, Scientific Update Ltd

2.00 pm **Dr Aaron Sarafinas** | Sarafinas Process & Mixing Consulting LLC, USA
Title to be confirmed

2.45 pm **Dr Alison Campbell Brewer** | Eli Lilly, USA
Development and Scale-Up of a Direct Asymmetric Reductive Amination with Ammonia

3.30 pm Coffee Break and Visit Exhibition Booths

4.15 pm **Dr Masahiko Seki** | Tokuyama Corporation, Japan
Novel and Efficient Catalytic System for Ketone Synthesis: An Expedient Approach to Pharmaceuticals"

5.00 pm **Name to be confirmed** | Organisation, Country
Title to be confirmed

5.45 pm End of Day 1
[Welcome Drinks Reception](#)



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Tuesday, March 15, 2022

Morning Session Chair | **Dr Andy Jones**, Company

8.25 am Opening Remarks

8.30 am **Dr Andy (Aniruddh) Singh** | Asha Crystallizing Hope, USA
A "New" Approach to Finding Suitable Drug Development Candidates

9.15 am **Dr Dustin Bringley** | Gilead, USA
Process Development and Scale-Up in the Synthesis of Rovafovir Etalafenamide

10.00 am Coffee Break and Visit Exhibition Booths

10.45 am **Dr Meghan Shaw** | Merck, USA
Title to be confirmed

11.30 pm **Name to be confirmed** | Organisation, Country
Title to be confirmed

12.15 pm Lunch and Visit Exhibition Booths

Conference adjourns after lunch.

Optional Short Course | Organocatalysis- Using Small Molecules to Drive Synthetic Reactions

Dr John Studley | Scientific Update Ltd

2.00 pm – 5.00 pm Over the past decade the application of small-molecule organic catalysts to solve synthetic problems has gained traction in both industrial and academic settings. A wide and expanding range of catalyst classes and diverse activation modes in combination with increased mechanistic understanding and practical applicability has fuelled their use across many areas of synthesis, including asymmetric catalysis and construction of important chiral molecules and building blocks. Small molecule organic catalysts offer a range of practical advantages over macromolecular (enzyme) or precious metal catalysts, including air and water stability, low cost, availability from renewable resources and relatively low toxicity. Organocatalysis is recognised as an inherently green technology and often has no counterpart in the more established catalysis regimens. The 2021 chemistry Nobel prize was awarded to Benjamin List and David MacMillan for their pioneering work in this area.

This short course will focus on the development and application of small molecule organocatalysts, including examples and case studies from an industrial setting. The content will be of interest to organic chemists- both in industry and academia- and anyone interested in finding out more about this important area of catalysis.



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Wednesday, March 16, 2022

Morning Session Chair | **Dr Will Watson**, Scientific Update Ltd

8.25 am Opening Remarks

8.30 am **Dr Nga Do** | Pfizer, USA
Title to be confirmed

9.15 am **Name to be confirmed** | Organisation, Country
Title to be confirmed

10.00 am Coffee Break and Visit Exhibition Booths

10.45 am **Name to be confirmed** | Organisation, Country
Title to be confirmed

11.30 pm **Name to be confirmed** | Organisation, Country
Title to be confirmed

12.15 pm End of Day 3 and Conference
[Boxed lunch available](#)



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