

Catalysis in the Fine Chemicals Industry



**SCIENTIFIC
UPDATE**

We've got chemistry

A 2-day Conference and Exhibition

Radisson Blu | Lucerne, Switzerland

PROGRAMME

Tuesday 14th May

From 8.15 **Registration**

Morning Session Chairman: *Dr John Studley, Scientific Update Ltd, UK*

8.55 **Opening Remarks**

9.00 **Dr Krzysztof Skowerski**, Apeiron Synthesis, Poland

The influence of carbene ligand on efficiency and selectivity of ruthenium based catalysts for olefin metathesis

9.45 **Dr Sebastien Caille**, Amgen Inc, USA

Development of a Commercial Process to Prepare AMG 232 Using A Green Ozonolysis-Pinnick Tandem Transformation

10.30 **Coffee and Exhibition**

11.15 **Dr Samantha Staniland**, Johnson Matthey, UK

Homogeneous hydrogenation & biocatalysis; chiral applications and beyond – from hit to process

12.00 **Keynote Speaker**

Prof Ben List, Max Planck Institute for Coal Research, Germany
A Truly Powerful, Scalable and General Approach to Asymmetric Lewis Acid Catalysis



1.00pm **Lunch and Exhibition**

Afternoon Session Chairman: *Dr Ian Davies, Princeton University, USA*

14.00 **Dr Zara Seibel**, Codexis, USA

Enzyme engineering for improved API manufacturing processes

14.45 **Dr David Leahy**, Takeda, USA

A Pharmaceutical Industry Perspective on Sustainable Metal Catalysis

15.30 **Coffee and Exhibition**

16.15 **Dr Peter Witte**, BASF, The Netherlands

Highly efficient precious metal catalysts for selective hydrogenations

17.00 **Prof Tim Donohoe**, University of Oxford, UK

New catalytic reactions designed for the efficient synthesis of natural products

17.45 **End of Day 1**

17.45 **Welcome Reception**

Catalysis in the Fine Chemicals Industry

Wednesday 15th May

Morning Session Chairman: *Name, Company, Country*

8.25 **Opening remarks**

8.30 **Ms Loretta Wong**, Johnson Matthey, UK
Sustainability through Homogeneous Catalysis

9.15 **Dr Janelle Steves**, GSK, USA
A Mechanism Driven, High-Throughput Chemistry Approach to Development of a Diastereoselective [2+2+2] Cycloaddition

10.00 Coffee and Exhibition

10.45 **Dr Aaron Whittaker**, MSD, USA
Finding the Best Synthesis of a Complex Drug Molecule; From Novel Organometallic Catalysis to Multiple Sequential Enzymatic Cascades

11.30 **Dr Danielle Schultz**, MSD, USA
Recent Advances in the Remote Functionalization of Aliphatic C-H Bonds via Decatungstate Photocatalysis

12.15 **Lunch and Exhibition**

Afternoon Session Chairman: *Dr Will Watson, Scientific Update Ltd, UK*

13.30 **Dr Katherine Wheelhouse**, GlaxoSmithKline, UK
Technology for probing catalytic processes

14.15 **Dr Annamaria Lilienkamp**, University of Edinburgh, UK
Transition Metal Catalysis in Living Systems

15.00 Coffee and Exhibition

15.30 **Dr Ian Davies**, Princeton University, USA
Catalyzing change in global pharma supply chains

16.15 **Dr Laurent Lefort**, Innosyn, The Netherlands
Far beyond benchmark substrates: complex chiral amine via asymmetric hydrogenation

5.00pm **Conference Ends**

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