A 3-day Conference and Exhibition
The World Trade Center, Stockholm, Sweden
27-29 September 2017

PROGRAMME

Tuesday, September 26th 2017
7.30-9.30  Speakers’ Reception
8.00 – 10.00pm  Exhibition Set-up

Wednesday, September 27th 2017
From 7.30  Breakfast
From 8.15  Registration

Morning Session Chairman:  Dr Will Watson | Scientific Update Ltd, UK

8.55  Opening Remarks
9.00  Dr Steve Han | Boehringer Ingelheim Pharmaceuticals, Inc. USA
Research toward Practical Methods for the Synthesis of P-Stereogenic Chiral Phosphine Ligands and Applications to Asymmetric Synthesis of Drug Substances
9.45  Dr Michael Depierro | Dow Corning Corporation, Italy
Process Development for Organosilicon-Based Flame Retardants
10.30  Coffee and Exhibition – Sponsored by: OPR&D an ACS Journal

Afternoon Session Chairman:  Dr André de Vries | InnoSyn B.V., The Netherlands

11.15  Dr Hansjoerg Lehmann | Novartis Pharma AG, Switzerland
Diazomethane, Hazardous Intermediates and Continuous Flow: How to make risky reactions attractive again
12.00  Dr Xianglin Shi | Biogen, USA,
Two Birds, One Stone: Accomplishing the Capping in the Sulfurization Step for Phosphorothioate Oligonucleotide Manufacture
12.45  Lunch and Exhibition

2.00  Dr Kilian Kobl, | Ypso-Facto, France
Batch vs. continuous esterification processes: how to select the most appropriate reactor
2.45  Dr Lars Eklund | Cambrex, Sweden
Medetomidine, a simple difficult substance to make
Coffee and Exhibition

3.30  

4.00  Dr Gabriele Menges-Flanagan | Fraunhofer ICT-IMM
Scalable Continuous Process for the Production of Grignard Reagents

4.45  Dr Anna Minidis, RISE Process and Pharmaceutical Development, Sweden
Direct facile methods for catalytic enantioselective reductive amination of prochiral ketones using hydrogen

5.45  End of Day 1

5.45 – 7.00  Welcome Reception at the World Trade Centre – Sponsored by RISE

7.00 for 7.30 – 10.30  Dinner & Cruise – Sponsored by Evonik
The cruise boat will depart at 7.30pm sharp

Thursday, September 28th 2017

Morning Session Chairman: Name tbc | Evonik Power to Create

From 7.30  Breakfast –

8.40  Opening remarks

8.45  Dr Simone Tortoioli | Idorsia Pharmaceuticals, Switzerland
Challenges and rewards in the development of a scaleable synthesis of a novel CXCR3 antagonist

9.30  Dr Francesco Fontana | F.I.S. - Fabbrica Italiana Sintetici S.p.A., Italy
Process Development and Scale Up of API Intermediates: cross-couplings & friends

10.15  Coffee and Exhibition

11.00  Dr Damian Grainger | Johnson Matthey, UK
Achiral Reductions Using Homogeneous Catalysis

11.45  Dr Gair Ford | AstraZeneca, UK
To be confirmed

12.30  Lunch and Exhibition
2.00 – 5.30  **OPTIONAL SHORT COURSE – Work Up and Product Isolation**

This short course will discuss the importance of designing simple, practical reaction quenches, work-ups and product isolations for a range of reaction and product types e.g. highly exothermic quenches, products with poor stability, removal of reagent by-products, consideration of impurities and meeting the needs of process intermediates as well as final products. The focus of this short course will be to design processes suitable for large scale operation and the importance of laboratory experimental design and execution to adequately model the large-scale process.

**Tutor:** Dr Will Watson

2.00-5.30  **OPTIONAL SITE VISIT**

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**Friday 29 September**

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

*From 7.30*  
**Breakfast**

8.25  
**Opening remarks**

8.30  
**Dr Mark Schilling**, GSK, UK  
*The Development of Losmapimod*

9.15  
**Dr. David Maillard** | Merck KgA, Germany  
*Examples of useful PAT-Application (Process Analytical Technology) during chemical process development*

10.00  
**Coffee and Exhibition**

10.45  
**Dr Pablo Garcia Losada** | Eli Lilly and Company, Spain  
*Alternative Synthetic Technologies transforming traditional synthetic activities in discovery chemistry: Impact on scale-up for GLP material supply*

11.30  
**Dr Fridtjof Schroeder** | Givaudan, Switzerland  
*Fragrances through Cyclopropylcarbinyl Rearrangement*

12.15  
**Short Presentation by SpinChem AB**  
*Rotating bed reactor - from screening to production*

12.30  
**Lunch**

1.30-4.30  
**Work Shop given by:**

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**C-Tech Innovation**

*Developing a validated technology platform for the application of oxygen dependent enzymes in synthesis and transformation of alcohols*