Monday 25 June 2018

From 08.15 Registration and morning coffee

Morning Session Chairman: Dr Will Watson | Scientific Update Ltd

08.55 Opening Remarks

09.00 Dr Ron Leng | Dow Chemical, USA
Developing Solids Formation & Isolation Processes with a View to Scale-Up

09.45 Dr James Birbeck | Croda, USA
Scale-Up of a Reactive Chemical Process Utilising Continuous Oscillatory Baffled Reactor (COBR) Technology from Laboratory to Multi-Ton Pilot Scale Manufacturing

10.30 Coffee and Exhibition

11.15 Dr Xin Linghu | Ideaya Biosciences, USA
Process Development for the Multi-Kilogram-Scale Synthesis of ERK Inhibitor GDC-0994

12.00 Dr Nathan Yee | Boehringer Ingelheim Pharmaceuticals, Inc., USA
Challenges and Opportunities in Scaling-Up Catalytic Reactions for API Syntheses

12.45 Lunch and Exhibition

Afternoon Session Chairman: Name, Company, Country

14.00 Dr Jeremy Parker | AstraZeneca, UK
Making Magic Bullets – Development and Manufacture of a Tubulysin Antibody-Drug Conjugate Payload

14.45 Dr Hannah Murnen | Compact Membrane Systems, USA
Using Membrane Pervaporation for the Dehydration and Degassing of Solvents for Reuse in Chemical Manufacturing

15.30 Coffee and Exhibition

16.15 Dr Stephan Mix | Almac Group, UK
Bioprocess Scale up Challenges and Solutions

17.00 Dr Ulrich Notheis | Saltigo GmbH, Germany
Heat-Balanced Based Real Time Monitoring of a Grignard Reaction on a Technical Scale

17.45 End of Day 1

17.45 – 19.45 Welcome Reception
**Tuesday 26 June 2018**

**Morning Session Chairman:** Name to be confirmed

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| 09.00 | Dr Jim Rutherford | Keit Spectrometers, UK  
*And Now for Something Completely Different: A Solid-State FTIR for Chemical Process Control* |
| 09.45 | Dr Stephen Rowe | DEKRA, UK  
*Assuring Process Safety of an Energetic Epoxidation Process* |
| 10.30 | Coffee and Exhibition | |
| 11.15 | Dr Peter Pöchlauer | Patheon, Austria  
*Scaling Up of Continuous Flow Processes for Active Pharmaceutical Ingredients (APIs) linking the Manufacturing of APIs to their Formulation* |
| 12.00 | Dr Charles Gordon | Britest Ltd, UK  
*Effective De-Risking of Process Scale-Up: The Britest Approach* |
| 12.45 | Lunch and Exhibition | |
| 14.00 – 17.30 | OPTIONAL SHORT COURSE -  
**SOLVENTS AND SOLVENT SELECTION IN CHEMICAL MANUFACTURING**  
*Tutor: Dr Andy Wells*  
The following topics will be covered:  
-Trends in solvent use in the pharmaceutical industry  
-EU legislation – Substances of very high concern (SVAC) list  
-Uptake of new/emerging solvents  
-Resources for solvent selection – available guides and interpretation  
-Solvent recovery/minimisation of solvent use |

**Wednesday 27 June 2018**

**Morning Session Chairman:** Dr Will Watson

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| 9.00 | Dr Alan Steven | AstraZeneca, UK  
*Route and Process Design for AZD1656, a Glucokinase Activator* |
| 9.45 | Professor Marino Nebuloni | Universita' degli Studi di Parma, Italy  
*Crystallization Process: Strategy in Physic-Chemical Properties Assessment to Ensure Product Quality* |
| 10.30 | Coffee and Exhibition | |
| 11.00 | Dr Allan Ader | Safebridge Consultants Inc, USA  
*Risk Assessment for Worker Safety and Product Protection in the Scale-up of Synthetic Processes* |
| 11.45 | Dr Andy Wells | Charnwood Technical Consulting, UK  
*A Review of Progress in the Scale-Up of Synthetic Biology Based Routes to Fine and Bulk Chemicals* |
| 12.30 | Conference Ends, Boxed lunches available | |