



# SCIENTIFIC UPDATE

*We've got chemistry*

## THE SCALE-UP OF CHEMICAL PROCESSES CONFERENCE

Industrial Case Studies Focussing on Chemistry,  
Chemical Engineering, Quality and Safety Issues

25-27 JUNE 2018

Plus an optional half-day short course:  
**SOLVENTS AND SOLVENT SELECTION  
IN CHEMICAL MANUFACTURING**

"Excellent  
programme covering  
chemistry, engineering  
and regulatory scale-up  
topics in a very balanced  
way."

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# THE SCALE-UP OF CHEMICAL PROCESSES

Industrial Case Studies Focussing on Chemistry, Chemical Engineering, Quality and Safety Issues

The 18th International Conference and Exhibition

25-27 June 2018 Prague, Czech Republic, Andel's Hotel

"How to learn from experienced professionals in a friendly environment"

#### Console Strategic Advisory

Here are some of the companies who enjoyed the last European Scale-Up Conference in 2016:

Agfa Gevaert NV

AstraZeneca

Bayer AG Pharmaceuticals

Boehringer Ingelheim Pharmaceuticals Inc

Chiesi Farmaceutici S.p.A.

F Hoffman-La Roche AG

Fermion Oy

Gedeon Richter Plc

GlaxoSmithKline

HEL Group

Hovione

ICL

Janssen

Japan Tobacco Inc

Lonza AG

Merck KGaA

Patheon Austria

Procos SpA

Sanofi

Sunovion Inc

## CONFERENCE INTRODUCTION

**Whether you are a chemist, chemical engineer, QA or safety specialist, your aims when scaling up your process are often the same:**

- > Achieving great process efficiency, yield and throughput.
- > Eliminating unsafe and non-green processes and materials
- > Decreasing the costs and number of steps involved

Since the first conference in 1994, The Scale-Up of Chemical Processes conference has become the major international forum for the discussion of all these aspects of scale-up and more in the pharmaceutical, fine chemical and allied fields.

Key speakers will present case studies and examples of some of the pitfalls and problems they encountered and how they overcame them.

#### **Why Attend the Scale-Up Conference?**

- > Benefit from hearing from leading international companies who will present important detailed case studies
- > Learn how your peers are developing solutions to common problems
- > Meet and network and discuss the latest novel ideas and techniques with the key people in the industry

## CONFERENCE FEES

Early bird rate €1395 per person  
(book before 31/3/2018)

Delegate fee €1695  
(from 1/4/2018)

Exhibitor package €2600  
(includes one delegate)

Academic rate €600  
Please contact us to obtain this special rate

Short course fee €360

## CONFERENCE TIMINGS

### Monday 25 June

8.55am-5.45pm Conference in session

5.45pm-7.30pm Welcome reception

### Tuesday 26 June

8.55am-12.45pm Conference in session

2.00pm-5.30pm Short course

### Wednesday 27 June

8.55am-12.45pm Conference in session

## Exhibition Opportunities

Why not Exhibit at this prestigious conference. There will be plenty of opportunities to network with key decision makers in a relaxed and informal environment. For more details please visit our website.

# INTERNATIONAL PRESENTATIONS

## 16 International Speakers Including:

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

**Dr Xin Linghu,**  
Genentech, USA  
*Process Development for the  
Multi-Kilogram-Scale Synthesis  
of ERK Inhibitor GDC-0994*

**Dr Stephan Mix,**  
Almac Group,  
*Title to be confirmed*

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

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

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

**Dr Peter Pöchlauer,**  
Patheon, Austria  
*Scaling Up of Continuous Flow  
Processes for Active Pharmaceutical  
Ingredients (APIs) linking the  
Manufacturing of APIs to their  
Formulation*

**Dr Stephen Rowe,**  
DEKRA, UK  
*Title to be confirmed*

**Dr Jim Rutherford,**  
Keit Spectrometers, UK  
*And Now for Something Completely  
Different: A Solid-State FTIR for  
Chemical Process Control*

**Dr Alan Steven,**  
AstraZeneca, UK  
*Route and Process Design for  
AZD1656, a Glucokinase Activator*

**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*

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

### What's included?

- > Attendance at all the conference sessions
- > Set of colour conference proceedings
- > Lunch & refreshments daily
- > Access to the exhibition
- > Place at the networking reception
- > FREE poster board (by request)

### Who should attend?

- > Process development and production chemists
- > Chemical Engineers in Industry
- > Technical managers
- > Heads of departments and team leaders
- > Quality assurance personnel
- > Safety specialists

**BOOK  
NOW!**

## OPTIONAL SHORT COURSE:



### Solvents and Solvent Selection in Chemical Manufacturing

#### Tutor:

Dr Andy Wells,  
Charnwood Technical Consulting, UK

**Tuesday 26 June**

2.00pm - 5.30pm

#### In this short course, 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

**Short course fee: €360**

## TRAINING COURSES

Why not extend your stay and enjoy one of our prestigious training courses after the conference:

### HETEROGENEOUS CATALYTIC HYDROGENATION

28-29 June 2018

For more information on this course and to download the course brochure please visit [www.scientificupdate.com](http://www.scientificupdate.com)



## VENUE

### Vienna House Andel's Hotel Prague

Stroupeznického 21

150 00 Praha 5

Czech Republic

The design hotel is situated in the business centre of Prague. Steps from the Andel metro station, this modern, glass-fronted hotel is a 10-minute walk from the banks of the Vltava River and 5.3km from the historic Prague Castle.

A limited number of rooms have been reserved at a special rate of €119 (single occupancy) per room, per night including a Buffet Breakfast.

Details on how to book this special rate will be sent to you when you register.

