43RD ORGANIC PROCESS RESEARCH & DEVELOPMENT CONFERENCE

The Leading Process Chemistry Conference and Exhibition

MARCH 9 - 11, 2020

Sheraton Sand Key Resort
FLORIDA, United States

www.scientificupdate.com  info@scientificupdate.com
Last year alone:

100%* of the Top 20 Pharma companies sent their employees to our conferences

35 training courses delivered

26 destinations used worldwide

790 people attended our events

39 exhibitors attended our conferences

17 companies had bespoke training courses

14 Free Webinars to 4,252 people worldwide

95% of conference attendees are industrial

*Top 20 Pharma companies as defined on PharmExec.com
To grow, make breakthroughs and take better informed decisions, specialists need the support of other specialists. At Organic Process Research & Development Conference, you will hear detailed presentations and case studies from top international chemists.

Our hand-picked programme of speakers has been put together specifically for an industrial audience. They will discuss the latest issues relating to synthetic route design, development and optimisation in the pharmaceutical, fine chemical and allied fields.

As over 90% of our speakers are experts from industry, the ideas and information you take home will be directly applicable to your own work.

OPR&D conference will include industrial case studies covering:

- Latest issues in the pharmaceutical, fine chemical, agrochemical and allied fields
- Economic and regulatory issues affecting your business
- Methods to help your company improve efficiency
- Take home ideas and information from experts in relevant sectors

Who should attend?
- Process Research & Development Chemists
- Chemical Engineers in industry
- Heads of departments and team leaders

“Thank you for the organizers for a great venue in Toronto! Excellent talks and crowd was perfect for scientific exchange and networking.”
OPR&D Conference delegate 2019
CONFERENCE FEES

Early bird rate $1799.00 per person (book before 31/12/2019)
Delegate fee $2099.00 (from 1/1/2020)
Exhibitor package $3199.00 (includes one delegate)
Academic rate $630.00
Please contact us to obtain this special rate
Optional Short course fee $420.00

CONFERENCE TIMINGS

Monday 9 March
8.55am-5.45pm Conference in session
5.45pm-7.30pm Welcome reception

Tuesday 10 March
8.25am-12.15pm Conference in session
2.00pm-5.30pm Short course

Wednesday 11 March
8.25am-12.15pm Conference in session

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 for academics only)

Exhibition & Sponsorship Opportunities

Why not Exhibit or Sponsor this prestigious conference. There will be plenty of opportunities to network with key decision makers in a relaxed informal environment.
For more details please contact Dr Claire Francis | claire@scientificupdate.com
16 International Speakers Including:

Dr Allan Ader, SafeBridge Consultants Inc, USA
- Chemical Facility, Processes and Equipment - Containment and Controls for the Safe Synthesis of Potent Active Pharmaceutical Ingredients and Novel Compounds at Lab, Kilo and Full Scale Operations

Dr David Barnes, AbbVie, USA
- Title
- To be Confirmed

Dr Michael DePierro, The Dow Chemical Company, USA
- Process Development of Organosiloxanes

Dr Rebecca Green, Bristol-Myers Squibb, USA
- Applications of Transition-Metal Catalysis in Process Chemistry

Dr Stephen Drake, Kaneka, USA
- Flow Chemistry and Enzymatic Transformations: R&D, Scale-Up, and Commercial Manufacturing with Enabling Technology

Dr Mark Graham, AstraZeneca, USA
- Development of a new route to Ceralasertib (AZD6738) using a continuous flow photoredox process suitable for commercial API manufacture

Dr Jun Li, Bristol-Myers Squibb, USA
- Leveraging AI and Machine Learning Approaches in Chemical Process Research and Development

Dr Mark Graham, AstraZeneca, USA
- The Use of Natural-Abundance Stable-Isotopic Analysis in Process Understanding

Heather Johnson, Merck, USA
- Commercial Route Development for the Synthesis of Islatravir

Dr John P. Jasper, Nature’s Fingerprint® Authentication, USA
- The Use of Natural-Abundance Stable-Isotopic Analysis in Process Understanding

Dr Emma McInturff, Pfizer, USA
- Title to be confirmed

Dr Kurt Puentener, Roche, Switzerland
- Towards a Safe & Scalable Route to PDE10A Inhibitor RG7302

Can You Handle It Safely? Practical Considerations for Safe Handling of Potent APIs in Chemistry Operations

Tutor: Allan W. Ader, Ph.D., DABT, Managing Director, SafeBridge Consultants, Inc.

A combination of lecture, exercises, and videos to better understand the scientific and systematic approach (the “hardware” and the “software”) to potent compound safety for chemistry operations from laboratory scale to full scale manufacturing. The course will include case studies of occupational exposure to novel compounds in the laboratory, hazard and risk assessment, facility requirements, controls for equipment at laboratory, kilo and production scale; and how to assess the adequacy of controls in chemical operations. What we will cover will include the following:

- What is a potent compound?
- How to assess potency and toxicity and link to safe handling practices and controls;
- How can we tell at what stage of a synthesis the compounds become potent?
- What controls are required for various scales of operation; and
- Assessing facilities and equipment for the safe handling of solutions, damp solids, crystalline solids and fluffy powders