



**SCIENTIFIC  
UPDATE**

*We've got chemistry*

**MARCH  
9 - 11  
2020**

# 43<sup>RD</sup> ORGANIC PROCESS RESEARCH & DEVELOPMENT CONFERENCE

The Leading Process Chemistry  
Conference and Exhibition

Sheraton Sand Key Resort  
FLORIDA, United States

**30**  
Celebrating 30 years serving  
the global chemistry industry  
1989 - 2019



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## OUR STRENGTH IN NUMBERS



**IT'S EASY TO  
REGISTER  
ONLINE**

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

[www.scientificupdate.com](http://www.scientificupdate.com)

[info@scientificupdate.com](mailto:info@scientificupdate.com)



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## CONFERENCE INTRODUCTION

**"Sciup conferences  
are always scientifically  
rich, participant  
interactive and overall  
enjoyable"**

OPRD Conference  
delegate 2019

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"**

OPRD Conference  
delegate 2019

## MEDIA SPONSORS



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India's Leading Chemical & Engineering Monthly

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## THE VENUE

### Sheraton Sand Key Resort

1160 Gulf Boulevard  
Clearwater Beach  
Florida 33767, USA

[sheratonsandkey.com](http://sheratonsandkey.com)

The Sheraton Sand Key Resort is situated by powder white sandy beaches on the Gulf coast. All guest rooms have high-speed internet access, and wireless connectivity is available throughout all public areas of the hotel and business centre. A fitness centre is located on the top floor of the resort, and an all-weather tennis complex is open to guests at no extra charge.

A limited number of rooms have been reserved at a special rate of \$219.00+ taxes. Details on how to book this special rate will be sent to you when you register.



## CONFERENCE FEES

|  |                      |
|--|----------------------|
| Early bird rate  | \$1799.00 per person |
| <small>(book before 31/12/2019)</small>                      |                      |
| Delegate fee   | \$2099.00            |
| <small>(from 1/1/2020)</small>                               |                      |
| Exhibitor package  | \$3199.00            |
| <small>(includes one delegate)</small>                       |                      |
| Academic rate  | \$630.00             |
| <small>Please contact us to obtain this special rate</small> |                      |
| 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)

**BOOK NOW!**

## 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 and informal environment.

For more details please contact Dr Claire Francis | [claire@scientificupdate.com](mailto:claire@scientificupdate.com)

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## INTERNATIONAL PRESENTATIONS

### 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 DePiero,**  
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



**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



## OPTIONAL SHORT COURSE - TUESDAY 10 MARCH 2 - 5.30PM

### 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