



**SCIENTIFIC
UPDATE**

We've got chemistry

**MARCH
9-11
2020**

43RD ORGANIC PROCESS RESEARCH & DEVELOPMENT CONFERENCE

The Leading Process Chemistry
Conference and Exhibition

30

Celebrating 30 years serving
the global chemistry industry

1989 - 2019

**Sheraton Sand Key Resort
FLORIDA, United States**

www.scientificupdate.com

info@scientificupdate.com



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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

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

OPRD Conference
delegate 2019

CONFERENCE INTRODUCTION

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

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THE VENUE

Sheraton Sand Key Resort

1160 Gulf Boulevard
Clearwater Beach
Florida 33767, USA

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
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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

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MARCH 9-11, 2020



IT'S EASY TO
REGISTER
ONLINE

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 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



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