

A 3 Day International Conference and Exhibition

Modern Synthetic Methods & Chiral USA

Gala Evening
Sponsor



The Westin River North Hotel, Chicago, IL, USA
11 - 13 May 2009



Media Sponsors



Who Should Attend?

- Organic Chemists in research and development across sectors such as pharmaceuticals, agrochemicals and fine chemicals
- Anyone involved in the production of chiral molecules at any scale
- Suppliers of chiral molecules or equipment
- Chemists in industry and academia



Scientific Update Conferences 2009

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Registration includes:

- Attendance at all the sessions
- Set of Colour Conference Proceedings
- Lunch & refreshments daily
- Access to the exhibition
- Place at the Gala Evening
- FREE Poster Board

Top academic & industrial speakers will provide details of the latest developments in a wide range of topics, including:

- Asymmetric Hydrogenation and Epoxidation
- Challenges in Total Synthesis
- C-C and C-N Bond Forming Reactions
- Olefin Metathesis
- Synthesis of Carbocycles and Heterocycles

About the Organisers

Scientific Update are the leading international providers of Conferences, Training Courses and Consultancy services to the worldwide scientific community.

For twenty years, Scientific Update has been delivering focused, continuing education for chemists and chemical engineers in the pharmaceutical, fine chemicals, agrochemicals, flavour and fragrance, and process chemistry markets and are the acknowledged leaders in the field.

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This conference has been designed to fill a gap in the conference field – providing a forum where industry and academia can meet to discuss new synthetic methodology and chiral chemistry, and how practical this methodology is from an industrial viewpoint.

Industry rarely devises new synthetic methods to perform each step in the synthetic route but relies on using and modifying methods which have been discovered within academia. It is therefore essential that the industrial chemist, whether in early research and discovery or process chemistry, is aware of the latest developments in synthetic organic chemistry, so that efficient and practical methods for synthesising new molecules are devised.

Emphasis will be on the state of the art and will provide directions for future work. Industrial chemical case studies where key reactions have been used, either in discovery or in development, will be provided.

The conference proceedings for the event will contain all the lecture presentations with key references to the current literature and will provide a valuable source of data for the future.

Book your place today to ensure you are making the most of the latest synthetic methods!

How will you benefit from attending MSM & Chiral USA?

- **Benefit** by learning from leading international speakers who will present important detailed case studies
- **Access** how industry strategies are evolving to meet the challenges of today's market
- **Learn** how your peers are developing new solutions to problems
- **Gather** important information on technical developments
- **Bring yourself up to date** on current developments and future trends
- **Meet and network** with the key people working in chemistry
- **Save time.** Scientific Update always invites experts in their fields who can impart important information to you right now.

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Hear from an international panel of speakers, including:

Keynote Presentations:

Professor Barry Trost, Stanford University, USA
A Challenge for Total Synthesis: Atom Economy

Dr André Charette, Université de Montréal, Canada
Stereoselective Synthesis of Cyclopropane Derivatives

Dr Richard Schrock, Massachusetts Institute of Technology, USA
Thousands of *In Situ* Catalysts for Olefin Metathesis

Dr David M Barnes, Abbott Laboratories, USA
A Scaleable Asymmetric Synthesis of a PARP Inhibitor, Employing a Memory of Chirality Cyclisation

Dr Carl Busacca, Boehringer Ingelheim Pharmaceuticals, Inc., USA
Asymmetric Hydrogenations with the BIPI Ligands, Including the Development of New Organophosphorus Chemistry

Dr Bernhard Hauer, BASF SE, Germany
Title to be confirmed

Dr Xianhai Huang, Schering-Plough Research Institute, USA
New Applications of PhI(OAc)₂ in Synthesis: Total Synthesis and SAR Development of Anti-tumour Natural Product Psymberin and its Advanced Analogues

Dr Richard C Larock, Iowa State University, USA
Novel Syntheses of Carbocycles and Heterocycles via Iodine, Palladium and Aryne Chemistry

Dr Gerry Larson, Gelest Inc., USA
Title to be confirmed

Professor Philip Page, University of East Anglia, UK
New Systems for Organocatalytic Asymmetric Epoxidation

For complete programme information, visit our website.

Dr Tomislav Rovis, Colorado State University, USA
Catalytic Asymmetric C-C and C-N Bond Forming Reactions

Dr Andreas Palmer, Nycomed GmbH, Germany
Synthesis and Evaluation of Tricyclic Imidazol[1,2-a]pyridines and Benzimidazoles as Potassium Competitive Acid Blockers (P-CABs)

Professor Karl Scheidt, Northwestern University, USA
New Discoveries and Opportunities with Carbene Catalysis

Professor Mukund Sibi, North Dakota State University, USA
The Role of Achiral Templates in Enantioselective Transformations

Dr André de Vries, DSM Pharmaceutical Products, The Netherlands
Under Pressure: Rapid Development of Scaleable Asymmetric Hydrogenation Catalysts

Professor M Christina White, University of Illinois at Urbana-Champaign, USA
Streamlining Synthesis via C-H Oxidation

Dr Antonio Zanotti-Gerosa, Johnson Matthey, USA
Preparation of Tricyclic Imidazopyridines and Tricyclic Benzoimidazoles by Homogeneous Asymmetric Ketone Hydrogenation

Dr Pingsheng Zhang, Roche Carolina Inc., USA
A Mild Aminomethylating Reagent and its Application in a Practical Synthesis of (3R,4R)-N-benzyl-3-Hydroxy-4-Hydroxymethylpyrrolidine

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Timings

Sunday 10 May

14.00-17.00 Exhibition Set-Up

Monday 11 May

8.00-8.55 Registration

8.55-18.00 Conference in session

18.00 Gala Evening, sponsored
by Evonik

Tuesday 12 May

8.55-16.00 Conference in session

Wednesday 13 May

8.55-13.00 Conference in session

13.00 Conference ends

Venue



The Westin Chicago River North

320 North Dearborn, Chicago, IL 60654, USA

www.westinchicago.com

A limited number of rooms have been reserved at the hotel, at a special conference rate. If you wish to obtain this rate, please use the hotel booking form which will be sent to you when you register.

Terms and Conditions

Please complete and return the form overleaf with full payment details. Cancellation must be sent in writing. If notice of a cancellation is received outside of thirty days of the event there will be a £300 cancellation fee. If notice is received less than thirty days before the event, all fees are forfeited. Substitutions are permitted at any time. Scientific Update reserves the right to alter the arrangements as described due to unforeseen circumstances. For the full terms and conditions, please see our website.

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11 - 13 May 2009

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Exhibitor Fees

Exhibitor Package £2000.00
 (includes one exhibitor attending).

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