A conference and exhibition on Chiral Technology for the fine chemicals and pharmaceuticals industries

Preceded by Industrial Synthesis
10th - 12th May 2000

See inside for further details...

Boston Marriott Long Wharf, Boston, Massachusetts, USA
15th & 16th May 2000
About the Conference

Scientific Update are pleased to present the USA 2000 conference on chiral technology, which is recognized as the best conference of its type in the world today and is an unmissable event for those wishing to keep abreast of developments in the field.

The application of chiral technology, particularly in the pharmaceutical and fine chemical industry, is advancing rapidly. Chiral USA 2000 is the 15th international event in the series and will not only introduce new science, but will focus on some important applications by major companies in the sector.

The speakers at the conference are a mix of leading academics and industrialists from around the world. They will address all facets of their fields and the topics are wide ranging, detailing the latest advances in asymmetric chemocatalysis, biocatalysis, new analytical and separation techniques and the development and manufacturing of important chiral pharmaceuticals.

Together with an exhibition and poster presentations, Chiral USA 2000 will provide a unique opportunity to inform and discuss applications of chiral technology and the ways in which this material will be applied.

If you are involved in the study of chiral technologies as an academic or as an industrialist, you cannot afford to miss Chiral USA 2000, which promises to be the most enlightening of the series so far.

Exhibition Opportunities

The exhibition area, adjacent to the conference auditorium, is laid out with exhibition booths, exhibition tables and poster presentation boards. It will be open from 9:00am - 5:00pm on the 15th & 16th May 2000, concurrent with the Chiral USA 2000 conference sessions.

There is a limited number of booths, table tops and poster boards available; all are fully fitted and ready for fitting out.

- 10' x 9' exhibition booth
  - 4 EZ exhibition tables
  - 4 high back chairs, 4 high side chairs, one ID sign, one 6'x8' horizontal posterboard - no delegate ticket included

Big Value Chiral USA 2000 Delegate Registration includes all of the following:

- Admission to all four Chiral Conference sessions
- Set of conference papers
- Dedicated access to the Chiral exhibition
- Lunches and refreshments on both days
- Dinner at the closing reception on the evening of 16th May 2000

Exhibition Discounts

- Register before February 29th 2000 and save $200 (£120), Exhibition Booths only, must give credit card details.
- Any delegates who wish to have a posterboard or table top will pay a reduced rate of $200 (£120) on top of the delegate fee.

Exhibition Opportunities

- 10' x 9' exhibition booth
  - 4 EZ exhibition tables
  - 4 high back chairs, 4 high side chairs, one ID sign, one 6'x8' shaped table and two chairs - includes delegate ticket

- 10' x 9' exhibition booth
  - 4 high back chairs, one ID sign, one 6' shaped table - no delegate ticket included

- 10' x 9' exhibition booth
  - 4 high back chairs, one ID sign, one 6' shaped table + one 6'x8' horizontal posterboard - no delegate ticket included

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Sunday 14th May 2000
2.00 – 5.30 Exhibition Set-Up
5.30 - 6.30 Pre-Registration

Monday 15th May 2000
7.30 – 8.00 Registration

Morning Session
Chairman: Dr. Chris Senanayake (Sepracor)
8.30 Dr. Andreas Pfaltz ([Institut für Organische Chemie])
Design of Chiral Ligands for Asymmetric Catalysis
8.45 Dr. Haifeng Wang ([Michigan State University/Synthon Corp.])
Maintaining Chirality: Complexity. A Strategy for Stabilizing the Best-Selected in Both Hands
9.30 Coffee & Exhibition
10.00 Dr. Martin Wills (University of Warwick)
New methodology for Asymmetric Catalysis
10.45 Dr. Michael Kopach (Roche Colorado Corporation)
Chiral Synthesis of HIV Protease Inhibitor Ro 32 - 3467/000
11.30 Lunch & Exhibition

Afternoon Session
Chairman: Dr. Andreas Pfaltz (Michigan State University/Synthon Corp.)
2.00 Dr. John W. Scott (Bristol-Myers Squibb Pharmaceutical)
Omapatrilat: Creating (and Maintaining) Enantiomerically-Homogeneous Stereogenic Centres During Process Optimisation
2.45 Coffee & Exhibition
3.00 Dr. James Bindslev (GSK Consumer Healthcare)
The Efficient Synthesis of The Single Isomer MPPP's, D1927 and Related Compounds
3.45 Dr. Philip C.K. Page (Synta)
Catalytic Asymmetric Isomerization & Some Insights into the Chemistry
3.50 Close

Tuesday 16th May 1999
Morning Session
Chairman: Dr. David Ager (Great Lakes Fine Chemicals)
08.00 Prof. Robert L. Augustine (Seton Hall University)
Anchored Homogeneous Complexes as Enantioselective Heterogeneous Catalysts
08.45 Dr. Mark Burdik (Chiral Technologies Ltd)
Enhancing Enzymatic Enantioselectivity in Organic Solvents
09.30 Dr. Kim Albizati (Agouron Pharma Inc.)
Process Development of Small Molecule Enzyme Inhibitors
10.15 Coffee & Exhibition
11.00 Dr. Melvyn Giles (AstraZeneca)
Process Development of Optically Active Alcohols as Intermediates for Drug Synthesis
11.45 Dr. Jaan Pesti (DuPont Pharmaceuticals Co.)
12.30 Lunch

Afternoon Session
Chairman: Dr. J. K. Ruffin (Chirotech Technology Ltd)
2.00 Dr. Chris H. Senanayake (Sepracor)
Practical Asymmetric Synthesis for ICE's
2.45 Dr. Zhiguo Jake Song (Merck Research Labs)
Large Scale Asymmetric Synthesis at an Enzymatic Receptor Antagonist
3.30 Dr. David Russell (TheCatalysts, Inc.)
Production of Chiral Antipsychotics and Related Compounds
16.30 Conference Closes
Scientific Update are well known for organising and running training courses, conferences and exhibitions for the continuing education of scientists, particularly chemists within the pharmaceutical, agrochemical, fine chemical, flavour and fragrance and biotechnology industries. Our extensive contacts with well-known experts from all over the world, in a wide variety of specialist topics, together with our mail list, comprising over 13,000 chemists and chemical engineers worldwide, enable us to provide a highly competitive range of excellent meetings.

One area of our expanding business is the development of "tailor-made conferences and exhibitions." If you have an idea for a conference, or simply want to promote your company by sponsoring a scientific meeting, then contact us. Our excellent team of conference organisers will be willing to discuss your requirements.

**CUSTOMISED CONFERENCES**

**INDUSTRIAL SYNTHESIS**

**A 3 day course given by Professor R. Sheldon**

Delft University of Technology, Holland

Boston Marriott Long Wharf

BOSTON, MASSACHUSETTS, USA

10th - 12th May 2000

**Course Objectives**

This course will bring the industrial chemist up-to-date with what has been happening in academia and the industrial world by understanding the best ways of making optically active compounds and reviewing each of the methodologies available from a practical viewpoint. Case studies and problems sessions from industrial examples will be used to enhance the discussions.

This course is suitable for chemists working in process R&D or in scale-up and production.

Why not book for both Chiral USA 2000 and Industrial Synthesis NOW!

To register for this Industrial Synthesis complete the form on the leaflet and fax back or register on-line at www.scientificupdate.co.uk.

Register early to guarantee your place...

Four easy ways to register

**MAIL**

Complete the form overleaf remembering to enclose your payment and post to:

Scientific Update, Wyvern Cottage, High St, Mayfield, E. Sussex TN20 6AE, UK

**Fax**

The completed form overleaf to:

(+44) 1435 872734

**EMAIL**

register@scientificupdate.co.uk

**REGISTER ON-LINE**

quickly and easily using the form at http://www.scientificupdate.co.uk
The delegate fee includes entry to the conference and exhibition, lunches, refreshments and the conference reception on the 15th May 2000, together with a set of conference papers.

**Conference Fee:**
- **$1500 £910**

**Conference Fee + Table Top or Posterboard:**
- **$1700 £1030**

**Exhibitors Fees:**
- **Exhibition Booth 10' x 9':**
  - **$2500 £1515**
- **Early Bird Price (before 29th Feb 2000):**
  - **$2300 £1395**
- **Exhibition Table Only (no delegate ticket):**
  - **$500 £300**
- **Poster Board Only (no delegate ticket):**
  - **$400 £245**

**Discounts:**
- Register before February 29th 2000 and save $200 (£120), Exhibition Booths only, must give credit card details.
- Any delegates who wish to have a posterboard or table top will pay a reduced rate of $200 (£120) on top of the delegate fee.

**Accommodation** has been reserved at the Boston Marriott Long Wharf (see overleaf for details) at the following special reduced rates:
- **Single Room only:**
  - **$199 (£125)**
- **Double Room only:**
  - **$199 (£125)**

Plus Tax currently 12.45%.

When you register to attend the conference or exhibition, you will be sent an accommodation booking form. This price is available until April 18th 2000, please quote “Chiral USA 2000”.

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**REGISTRATION & FEES**

<p>| I have arranged payment for the fees as follows: (please tick appropriate box) |</p>
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Cheques should be made payable to Scientific Update and should be in US Dollars drawn on a US$ account or in pounds sterling drawn on a UK Bank. All bank charges must be paid by the participant’s company.

For late applications, please fax the completed registration form, including credit card payment information.

For further information or changes to your registration, please contact Scientific Update at the address below.

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**CHIRUS USA 2000 Conference**

**Boston Marriott Long Wharf Hotel**

**BOSTON, MASSACHUSETTS, USA**

**15th & 16th May 2000**

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**PLEASE NOTE**

All information regarding this event will be sent to the address below.

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**Address**

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**Special Dietary Requirements**
ACCOMMODATION

THE BOSTON MARRIOTT LONG WHARF HOTEL
296 State Street, Boston, Massachusetts, USA

The Boston Marriott Long Wharf with its spectacular waterfront setting on Boston's historic Long Wharf, offers the ultimate in comfort, service and convenience. The hotel's central location puts you just footsteps from Boston's financial districts, Faneuil Hall Marketplace, the New England Aquarium and the many attractions of the legendary Freedom Trail.

Directions
By Air: Logan International Airport is less than 2 miles away. Take the subway to the Aquarium stop or take a short Taxi ride.

The hotel is accessible by Taxi, Subway (Aquarium Stop) or Water Shuttle (Rowes Wharf).

For up-to-date information on this and other courses, conferences and symposia offered by Scientific Update visit our Web Site at:

http://www.scientificupdate.co.uk

SCIENTIFIC UPDATE

Scientific Update was set up to provide a service to industry by designing, organising and running courses for the continuing education of scientists, particularly chemists. The company works closely with universities, polytechnics and industry to produce courses which outline the latest advances in scientific and technical knowledge across a broad subject base. Well-known experts from all over the world will give courses on their specialist topic to scientists from the UK, Continental Europe, and USA.

These short intensive courses will enable scientists to learn about unfamiliar topics, to broaden their knowledge and to keep abreast of new science, new technology and new techniques. The facilities of universities and polytechnics will be used for practical courses.

Scientific Update, Wyvern Cottage, High Street, Mayfield, E. Sussex TN20 6AE, UK
Tel: (+44) 1435 873062  Fax: (+44) 1435 872734
Email: sciup@scientificupdate.co.uk