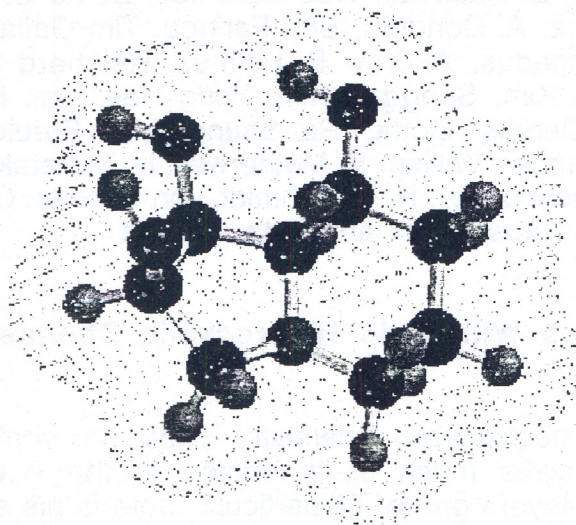


# 1997 Newsletter of the International Society of Heterocyclic Chemistry



December, 1997

## Message from the President

As the acting President of the ISHC, I write to inform you of the exciting developments in the field of heterocyclic chemistry that occurred during this past year. The next two years should also prove to be extremely interesting and informative for Society members. Quite a number of special "*heterocyclic*" attractions have been and are currently being made available to all members of the ISHC. Please tell your friends about these exciting developments and encourage them to join the Society.

## The ISHC on the World Wide Web (<http://euch6f.chem.emory.edu/ishc.html>)

The ISHC's World Wide Web home page has been integrated with the way the society does *business*. Newsletters, meeting registration forms, and other information will always be available in this way - please use this service if you are a *net surfer*. E-mail is a good way to contact your President as well as the 1999 Congress Chairperson. Please send us your E-mail address along with any of your ideas and suggestions on any aspect of the operation of the ISHC by logging into the www home page.

## 16th ICHC in Bozeman in Review

The major ISHC event of 1997 was the 16th ISHC Congress held in Bozeman, Montana during the week of August 10-15 and was superbly organized by Tom Livinghouse (Montana State University) and his colleagues. Over 950 delegates assembled to hear what was arguably one of the best program of speakers yet assembled for these meetings. Outstanding lectures across a wide range of heterocyclic chemistry were given by the following individuals:



**Plenary Speakers:** Tony Barrett, Dale Boger, Scott Denmark, Torhu Fukuyama, Bob Grubbs, A. I. Meyers, Larry Overman, Manfred Reetz, Masakatsu Shibasaki, Andrea Vasella, Paul Wender, and Binne Zwanenburg.

**Invited Speakers:** J.-E. Bäckvall, Wes Bentrude, David S. C. Black, Margaret Brimble, Erick Carreira, A. Dondoni, Ben Feringa, Tim Gallagher, Bernd Giese, Paul Grieco, Lou Hegedus, Andrew B. Holmes, Reinhard Hoffman, V. Jäger, Mike Jung, Kyongtae Kim, Sunggak Kim, Yong Hae Kim, E. Peter Kundig, R. Larock, Eun Lee, Dennis Liotta, Rai-Shung Liu, Furukiko Matsuda, Tim McDonald, Gary Molander, William B. Motherwell, H. Murataki, T. V. RajanBabu, Paul Reider, Scott Rychnovsky, R. R. Schmidt, Jon Sessler, C.-K. Sha, Takayuki Shioiri, Mukund Sibi, Amos Smith, and Peter E. Wipf.

**•ISHC Senior Award Winner in Heterocyclic Chemistry for 1997,  
Albert I. Meyers**

The vital role that heterocyclic chemistry plays in contemporary organic chemical synthesis owes much of its origins to the outstanding research contributions of the Meyers group. Of particular note is his seminal work of the use and development of optically active heterocycles as templates in asymmetric syntheses. Professor Meyers has been recognized widely for his outstanding contributions to our field, including his election to the U. S. National Academy of Sciences in 1994. Moreover, Al has trained an extremely large group of graduate and postdoctoral co-workers who have assumed important positions in both academic and pharmaceutical research worldwide. The ISHC is very proud to honor him as the 1997 ISHC award winner.

**•ISHC Junior Katritzky Award Winner in Heterocyclic Chemistry for 1997, Dale L. Boger**

Dale L. Boger was recognized for his work in organic synthesis, heterocyclic chemistry, natural products total synthesis and biological evaluation, synthetic methodology development, medicinal and bioorganic chemistry and has made seminal contributions to the understanding of DNA-agent interactions of naturally occurring antitumor-antibiotics. Most notable is his development and application of the hetero Diels-Alder reaction to the syntheses of complex natural products, and his development and applications of the cycloaddition reactions of cyclopropenone ketals. Applications of this may be found in his total syntheses of natural products including bleomycin A2, CC-1065, streptonigrin, lavendamycin, colchicine, prodigiosin, triketin A, duocarmycin SA, duocarmycin A, deoxybouvardin and bouvardin, sandramycin, isochrysohermidin, and grandirubrine. Dale is the first award winner of this newly created prize for scientists under the age of 45 years and in honor of Alan Katritzky.

**Past Officers (1996-1997) of the ISHC**

**Presidents:** Hal Moore and Albert Padwa; **President-Elect:** Chris J. Moody;  
**Vice President:** Tom Livinghouse; **Secretary:** Hans Neunhoeffer;  
**Treasurer:** Stan Lang; **Publicity Chairperson:** David St. C. Black



## **Newly Elected (1998-1999) Officers of the ISHC**

**President Elect:** Yoshinori Yamamoto; **Secretary:** Hans Neunhoeffer;  
**Publicity Chair:** Richard Glass; **Past President:** David St. C. Black

**Advisory Committee:** R. Alan Aitken, Pat Confalone, Dennis Curran, Toru Fukuyama, Oliver Kappe, Ernst Schaumann; **Past President:** David St. C. Black;  
**Editors of PHC:** Gordon Gribble and Tom Gilchrist

**Newly Elected Fellow of the ISHC:** Thomas Kappe (Graz, Austria) in acknowledgement of his outstanding service to Heterocyclic Chemistry

**Patron of the Society** in acknowledgment of their outstanding contributions to Heterocyclic Chemistry -- Warner Lambert Co

## **The 17th ICHC in Vienna, Austria -- August 1-6, 1999**

Enjoy incomparable opportunities to interact with colleagues at the biannual International Congress of Heterocyclic Chemistry to be held in Vienna, Austria in August of 1999. The first circular is available - send your request in now to ensure receipt of the second circular. If you don't have a form, please write to the Symposium Chairperson -- Fritz Sauter, Institute of Organic Chemistry Vienna University of Technology, Getreidemarkt 9 A-1060, Vienna, Austria; Fax +43-1-5866931 or +43-1-58801-5002; E-mail: fsauter@pop.tuwien.ac.at. The 1999 meeting is set to continue the tradition of its predecessors for a combination of excellent heterocyclic chemistry and hospitality. ISHC members are encouraged to write or E-mail Fritz Sauter with recommendations for topics, plenary and invited lecturers for the 17th ICHC Congress.

## **Membership and Benefits**

Stan Lang, the Society's treasurer, reports that 995 persons have paid 1997 dues. Although this represents the largest number of members ever, a Society of our stature certainly should have even more members. I thank our publicity chairperson and regional representatives for all of their hard work this past year. These officers will continue to recruit new members worldwide in the year to come. Please take a few minutes to convince your colleagues that membership (an application form is attached to this message) in the ISHC has important advantages, several of which are outlined below.

## **Progress in Heterocyclic Chemistry**

Members of the Society receive gratis individual copies of PHC on an annual basis. This important series is now well established and Volume 9 has been published in August of 1997. The Society is most grateful to the editors, Gordon Gribble and Tom Gilchrist, and their team of authors. We urge you to make certain that your chemistry library is subscribing to *Progress in Heterocyclic Chemistry* so that others in your setting can benefit from this yearly review of the heterocyclic literature.



## ChemKey Search Computer Database

Receive a substantial (\$75) discount on the *ChemKey Search Database*. This computer database devotes particular attention to such areas of interest as heterocycles, synthetic methods, organometallic chemistry, asymmetric synthesis, chirality, stereochemistry, and much more. It contains 55,000 references and is updated annually, adding about 10% to its size over a one-year period. References since 1960 are derived from all the significant journals, letters, papers, and other published material that are routinely and traditionally used by heterocyclic chemists. The keywords used for each article are well chosen and reflect the way a heterocyclic chemist would classify a particular reaction or topic. Now you can obtain a demo version of *Chemkey Search Database* for either a Mac or PC by downloading it off the Internet (<http://euch6f.chem.emory.edu/>). For a more detailed analysis of the database -- see software review published in *J. Am. Chem. Soc.*, 1993, Vol. 115, p. 6474. An order form is enclosed for interested members.

## Other Benefits Associated with the Membership

1. Participation in the Congress at significantly reduced registration fee rates.
2. Receive gratis individual copies of *Progress in Heterocyclic Chemistry* on an annual basis. This important series is now well established. Volume 9 has just been published.
3. Obtain Congress abstracts of papers at no cost even if not in attendance.
4. Receive lectures in Heterocyclic Chemistry (complete plenary lectures of the biannual IHCs).
5. Subscribe to *Heterocycles* at 20% discount.
6. Receive 25% discount from Elsevier on many different books.
7. Receive yearly State of the Society messages directly from the president of the ISHC.

## Membership Dues

Should you have an address problem, the right opportunity to rectify this is in connection with paying the 1997 dues to our treasurer, Stan Lang, who is also in charge of the membership roster. Let me also repeat some payment details.

The annual dues are US \$35.00 (active member) and US \$15.00 (certified predoctoral student member). Multiple year subscriptions are encouraged. Please forward your dues by credit card, check, or money order in any hard currency (US dollars preferred) made payable to The International Society of Heterocyclic Chemistry, and forward to:

Dr. Stan Lang, Treasurer, ISHC, Wyeth-Ayerst Research, Medical Research Division, Lederle Labs, 401 N. Middletown Road, Pearl River, New York 10965, USA. Telephone: 1-914-732-3446 (or 3447); Fax: 1-914-732-5670; E-mail: [langs@war.wyeth.com](mailto:langs@war.wyeth.com)

You can also contact Dr. Lang by fax for direct wire transfer or credit card use or for additional information.



Alternatively, send the equivalent in other currencies to Dr. Hans Neunhoeffer, Secretary ISHC, Institute of Organic Chemistry, Darmstadt University of Technology, Petersenstrasse 22, D-64287 Darmstadt, Germany [fax: 49-6151-163278; Email: di88@hrzpub.th.darmstadt.de]. It is also possible to transfer funds directly to Dr. Neunhoeffer, ISHC, Volksbank Mühlthal, Account No.: 20 22 044, BLZ 508 643 22.

In addition, Japanese members may pay their dues in yen to Prof. Dr. Ichiya Ninomiya, Kobe Women's College of Pharmacy, 4-19-1, Motoyamakita-Machi, Higashinada-ku, Kobe 658, Japan, or by direct bank transfer to Professor Ichiya Ninomiya, Sanwa Bank Higashi-Kobe, Account No. 3,565,822.

### **In closing....**

A special thank you to all of our out-going officers: (Past President) Hal Moore, (Vice President) Tom Livinghouse and Advisory Committee Members: Dan Comins; Henk Hiemstra; Volker Jaeger; William H. Pearson; Chin-Kang Sha; and Yoshinori Yamamoto. The cooperative efforts of each of these people along with all of the 1996-1997 officers of the ISHC are manifested in the growth of the Society. It has been my pleasure to serve the ISHC as its past President and now to turn over the Presidency to the extremely capable leadership of Chris Moody.

Finally, I wish you all a joyous holiday season and a successful 1998, scientifically and otherwise.



*Albert Padwa*  
President, ISHC