



# Society of Toxicology NEWSLETTER

25TH ANNIVERSARY YEAR

JANUARY/FEBRUARY 1986

## **25th Anniversary Committee Activities**

The Society of Toxicology's 25th Anniversary Committee, appointed by President Emil A. Pfitzer, with Anne M. Wolven-Garrett serving as Chief of Protocol, has been actively involved in planning special activities for the forthcoming meeting, March 3-7, 1986, in New Orleans.

The Committee has as its goals both the celebration of this special event through programs aimed at creating awareness of the historical development of the Society and the enjoyment by all attendees of this very special week.

Included in the Committee's plans are the gala banquet and a very special evening at the New Orleans Museum of Art.

In addition, an ongoing audio-visual presentation describing the formation and growth of the Society from 1959 to 1985 is being prepared. Memories of the past, thoughts about the present and perceptions of our future as presented by participating founders and past presidents of the Society in their own words will be heard by all registrants.

As a result of its efforts, the Committee has developed archival material that will ensure an accurate, historical picture of the Society's development and growth.

Assisting Anne Wolven-Garrett in organizing the audiovisual presentation for the Anniversary Committee are: Herman A. Birnbaum, Richard A. Parent, Orville E. Paynter, and Van Marshall Seabaugh.

## **Annual Meeting Special Poster/Demonstration Session: Communicating Basic Concepts In Toxicology To Non-Scientists**

During the 25th Anniversary SOT Meeting in New Orleans, the Committee on Public Communications and the Information Handling Committee present a special opportunity for members of the SOT to explore and discuss innovative educational reading materials, slide presentations, and computer-based teaching devices that have been developed by SOT members and other scientists for the purpose of communicating basic concepts in toxicology. Ideas designed to improve communications among non-scientists as well as between professional toxicologists will be described. This session is presented to encourage the participation of the SOT membership in the production of teaching materials that could be employed by the SOT in the development of toxicology outreach programs, and to provide an opportunity for members to gain information that might enhance individual efforts in this area.

The poster/demonstration session will be open Tuesday-Thursday, March 4-6, 1986, in the O'Hare Room of the Hyatt Regency Hotel, adjacent to the registration area.

## **SOT Council Approves Position Statement Presented By Animals In Research Committee**

The Society of Toxicology's position statement regarding the use of animals in toxicological research, which was prepared by the Animals in Research Committee, is presented below. A preliminary draft of this statement was sent to the membership for comment in mid-1985. Comments received were on the whole quite positive and many were utilized to develop the final version, which was accepted by Council at its last meeting, on January 8, 1986, in Dallas, TX.

The Animals in Research Committee is chaired by Joseph E. LeBeau. The members are Francis J. Koschier, Guenter Oberdoerster, Robert A. Roth, Arthur L. Aronson, Shayne C. Gad, and Carol S. Auletta. Bernard A. Schwetz is Council Liaison.

## **Position Statement Regarding Use Of Animals In Toxicology**

The Society of Toxicology is dedicated to acquiring knowledge for the improvement of the health and safety of humans and other animals and the protection of their environment.

To fulfill this objective, the Society is committed to the design and conduct of the best possible scientific research. To ensure this commitment, the society views as necessary the use of laboratory animals in toxicological research and testing except in those procedures where valid, scientific alternative techniques are available. The code of ethics of the Society of Toxicology states that each member shall "observe the spirit as well as the letter of the laws, regulations, and ethical standards with regard to the welfare of humans and animals involved in any experimental procedures." The Society supports careful consideration of the number of animals used and encourages reduction where scientifically feasible. The Society strongly encourages and supports the development of valid, scientific alternatives to current animal research testing procedures.

## **Toxico-Legal Consultants**

Full- and part-time consultants concerned with toxicological matters will meet at the SOT 25th Anniversary Meeting in New Orleans, on Wednesday, March 5, from 8:30 - 10:30 p.m. The meeting is open to all registrants.

Some of the topics to be discussed include the need for ethical guidelines and review, a possible symposium on ethical issues, educational programs for the legal profession, establishment of a roster of consultants and other goals and activities appropriate for future consideration. Committees will be appointed.

To be placed on the mailing list or volunteer for a committee, contact: Richard A. Parent, Ph.D., D.A.B.T., Consultox, Ltd., PO Box 14787, Baton Rouge, LA 70898.



## President's Message

### *1996—Get Out Your Crystal Ball*

Our 25th Anniversary is a time for looking to the future as well as for reviewing the past. What are your predictions for the Society ten years from now? The membership directory shows a census of 1650, 1834, and 1946 for the years 1983, 1984 and 1985, respectively. How many members will we have in 1996? For the past two years the number of scientific presentations at our Annual Meeting has increased by about 25 percent each year. Will this continue, and how many scientific presentations will be presented in the year 1996? What will be the image of toxicologists ten years from now? I would like to collect your predictions for our archives and a review at our 35th Annual Meeting in 1996. Drop me a note as soon as possible.

### *Some Highlights for New Orleans*

- A viewing of videocassettes featuring "sight and sound" events of the past, recollections from some founders and past presidents, as well as their views of the present and the future for toxicology. A monumental effort by Anne Wolven-Garrett, Gene Paynter, Dick Parent, Van Marshall Seabough and Herman Birnbaum. Look for the viewing room in New Orleans.
- A gala annual banquet on Thursday evening will feature our distinguished annual awards followed by a special salute to Founders.
- Some super symposia, including Wednesday morning's symposium on Scientific Accomplishments and Future Prospects, as organized by Leon Golberg.
- The First Annual Lecture by the Burroughs Wellcome Toxicology Scholar to be presented by Alan Poland at noon on Thursday.
- Announcements about Honorary Members, our first for quite a few years.
- A preview of the first 24 chapters of the History of the Society of Toxicology as prepared by Harry Hays. Watch for the order form for the final edition, which will be published shortly after the addition of events of our 25th year. A truly monumental and dedicated contribution by Harry Hays, one of our Founders and our first Secretary.
- Watch for other special events. We hope to record much of the meeting on video to add to our pictorial and written archives. In addition, we hope to take advantage of many attendees for video recordings to extend an oral history from our past presidents and other members.

### *Congratulations to our New Regional Chapters*

The latest additions to our growing number of regional chapters are the Northeast Chapter and the Central States Chapter. Regional Chapters have been highly successful for the growth of the Society and the opportunity for participation of many interested in toxicology, but who are not members of the Society or who are not able to attend the Annual Meetings. Bern Schwetz, the Council liaison for regional chapters, is preparing a geographical presentation of the distribution of SOT chapters. There are not many US regions not covered already. Some regions are fortunate enough to be able to participate in the programs of more than one chapter.

### *Some Further Comments on Our Growth*

The January 1 deadline for new membership applications has passed and the completed applications include 60 for full membership, 20 for associate membership, and 45 for student membership. Requests for student travel awards to the Annual Meeting have resulted in 56 travel awards. There were 29 applications for the graduate fellowship awards sponsored by Procter & Gamble Company and Hazleton Laboratories Corporation. It was a banner year for nominations to the Awards Committee, making the selection difficult, but also satisfying that excellent candidates were recognized.

Hope to see "you all" in New Orleans.

Emil A. Pfitzer

## Member News

**Robert E. Eckardt, M.D.**, of Scottsdale, AZ, has been chosen the Toxicology Forum's 1986 Distinguished Fellow. The Award will be presented at the 1986 Annual Winter Toxicology Forum, February 17-19, at the L'Enfant Plaza Hotel in Washington, DC.

**John A. Thomas**, SOT Councilor, Baxter-Travenol Laboratories, received the 1986 Kenneth P. DuBois Award, presented by the Midwest Regional Chapter to the outstanding toxicologist of the region. The previous recipients are Victor Drill, Robert Forney, and John Doull.

**Bernard M. Wagner, M.D.**, has been elected an Honorary Member of the College of Veterinary Pathologists. The election took place at the annual meeting on December 9, 1985.

## Publications Of Interest

Perinatology Press, Ithaca, NY, has taken over the publication of the series, *Animal Models in Fetal Medicine*, and is publishing volumes of similar quality as the previous publisher, but at 30-40 percent of the previous price. The company also publishes high-quality conference proceedings in a timely fashion. The average delay for such volumes as *Early Pregnancy Factors* is four months.

For further information regarding the publications of Perinatology Press, contact Peter W. Nathanielsz, M.D., Ph.D., P.O. Box 6827, Ithaca, NY 14871, (607)272-2350.

## Formation Of A Toxicology Information Network

Duke Medical Center announces the formation of Toxicology Information Network (TOXIN). TOXIN is a computerized information and computation system for toxicologists available to all qualified toxicologists both in the U.S. and internationally. TOXIN will provide free of charge individual electronic mail boxes, electronic bulletin board and toxicology programs on the Duke National Biomedical Simulation Resource (NSBR). The NSBR is a specialized computer center for simulation of biomedical problems. TOXIN can be accessed by a local telephone call through the commercial TYMNET system using a personal computer or terminal. TOXIN is designed initially to provide a common ground for toxicologists using toxicokinetic simulations and human risk assessment. Members of TOXIN are encouraged to communicate rapidly with others interested in these areas of toxicology through the electronic mail and bulletin board or through contributions to *Kinetic Memos*, a newsletter. TOXIN is a network research tool that will be expanded to provide other special services for toxicologists. Anyone wishing more information on TOXIN and an application for a TOXIN account should write to:

Professor D.B. Menzel  
TOXIN  
Duke University Medical Center  
Box 3813  
Durham, NC 27710

## New SOT Membership Forms Available

Enclosed with this newsletter is a copy of the newly revised SOT membership application form. This form should be used for applications for the July 1, 1986, deadline. Additional forms are available from the SOT headquarters office, 1133 Fifteenth Street, N.W., Suite 620, Washington, D.C. 20005.

## Coming Events

"Fourth International Conference on Safety Evaluation and Regulation," February 24-28, 1986, Charles Hotel, Cambridge, MA. Contact: F. Homburger, MD, Bio-Research Institute, Inc., 380 Green Street, Cambridge, MA 02139, 617/864-8735.

"ASTM Committee Meeting, E-34 on Occupational Health and Safety," March 17-19, 1986, Hyatt Regency Lexington, KY. Contact: Don Viall, 215/299-5546.

"Controlling Acute Process Hazards: Keeping Industrial Plants Safe," April 24-25, 1986, course #1277DC, offered by Continuing Engineering Education Program, The George Washington University, Washington, DC 20052. Contact: (800) 424-9773 in USA, (800) 535-4567 in Canada, (202) 676-6106 elsewhere.

"Public Meeting on Use of Laboratory Animals," February 11, 1986, Washington, DC. Sponsored by a joint committee of the National Research Council and the Institute of Medicine. The purpose of the meeting is to gather information toward a comprehensive study on such topics as benefits from use of animals in research, public concerns, legal issues, and scientific and technological developments affecting animals. The meeting will take place in the National Academy of Sciences auditorium, 2100 G Street, NW, Washington, DC, beginning at 8:30 a.m. Contact: Frances Walton, (202) 334-2612.

"The 1986 Washington Conference on Air Toxics," March 10-11, 1986, Radisson Mark Plaza Hotel, Alexandria, VA. Sponsored by Center for Energy and Environmental Management. Contact: Brooks Cook, (800) 424-9068, (703) 250-5900.

"Security Issues and Animal Research," March 19-21, 1986, Key Bridge Marriott, Arlington, VA, sponsored by the International Association for Hospital Security and National Association for Biomedical Research. Contact: IAHS, (312) 953-0990.

"Prevention of Venous Thrombosis and Pulmonary Embolism," NIH Consensus Development Conference, March 24-26, 1986, Masur Auditorium, Clinical Center, National Institutes of Health, Bethesda, MD. Contact: (301) 468-6555.

"In Vitro Toxicology: Approaches to Validation," April 14-15, 1986, sponsored by The Johns Hopkins Center for Alternatives to Animal Testing, Baltimore, MD. Contact: Jeanne Ryan, Program Coordinator, Office of Continuing Education, 720 Rutland Avenue, Turner 22, Baltimore, MD 21205. (301) 955-6046.

"The 1986 Washington International Conference on Biotechnology," April 21-22, 1986, Radisson Mark Plaza Hotel, Alexandria, VA. Sponsored by the Center for Energy and Environmental Management (CEEM). Contact: Brooks Cook, CEEM, PO Box 200, Fairfax Station, VA 22039. (800) 424-9068 or (703) 250-5900.

"Mid-America Toxicology Course," April 27-May 2, 1986, Kansas City, MO. This one-week intensive lecture course will emphasize the basic science of the discipline rather than a how-to-do-it approach. It is designed to help people prepare for the American Board of Toxicology Accreditation Examination, but also serves as an introduction to toxicology for interested scientists. Contact: Curtis D. Klaassen, Ph.D., Professor of Pharmacology & Toxicology, University of Kansas Medical Center, Kansas City, KS 66103, (913) 588-7714.

"Industrial Toxicology," May 2-3, 1986, sponsored by CA Association of Toxicologists, San Francisco, CA. Contact: Thorn J. Butler, M.D., (702) 733-7866.

"Interpretations—Urine, THC and the DUI Driver," August 2, 1986, sponsored by CA Association of Toxicologists, San Diego. Contact: Thorn J. Butler, M.D., (702) 733-7866.

"GC/MCS and General Meeting, Reno, NV, October 29-November 2, 1986, sponsored by CA Association of Toxicologists. Contact: Thorn J. Butler, M.D., (702) 733-7866.

## Regional Chapter/Specialty Section News

### Northeast Chapter

The Northeast Chapter held its second meeting jointly with the Mutagenesis Association of New England at the University of Connecticut, Storrs, on Friday and Saturday, October 11 and 12, 1985. The program for the portion of the meeting on October 11th hosted by the Mutagenesis Association under the subject of "The Role of Short Term Tests in Toxicological Risk Assessment," included the following papers:

A. Sivak, Arthur D. Little, Inc., Cambridge, MA: "Overview of alternatives to animal testing"

M.M. Moore, E.P.A., Research Triangle Park, NC: "Application of parallelogram approach to predict genotoxic effects in humans"

G. Williams, American Health Foundation, Valhalla, NY: "Application of short-term test data to carcinogen risk assessment"

R. Stoll, Sandoz, Inc., East Hanover, NJ: "Role of in vitro tests in product safety evaluation"

The after-dinner speaker was Ralph Freudenthal of the Stauffer Chemical Company, who spoke on "The Risks of Determining Risks." The next day, October 12, the Northeast Chapter hosted the meeting with the following papers:

C.N. Dealy, J.W. Weber, N.K. Klein, T. Hoagland and W. Daniels, University of Connecticut: "Role of methionine in neural tube closure"

J.F. Tomera and L. Desai, Toxikon Corporation: "A highly sensitive chromosomal mutagenicity assay in Chinese hamsters for large-scale screening of drugs and chemicals in vivo"

J.B. Mangold and J.M. LaVelle, University of Connecticut: "Structural requirements for azide mutagenesis"

H. Brown, et al, Clark University: "Toxic hazard assessment in Massachusetts"

J.K. Marquis and E.B. Fishman, Boston University School of Medicine, "Presynaptic acetylcholinesterase: Implications for understanding insecticide toxicity"

J.B. Morris, University of Connecticut: "Quantitation of mucous glucoproteins in pulmonary lavage fluid"

A poster session for the 1½ day duration of the meeting was also held. The next meeting of the Northeast Chapter will be held in Boston in June 1986.

### Midwest Chapter

#### UPCOMING SPRING SCIENTIFIC MEETING

Friday, May 9, 1986

Marriott Lincolnshire Hotel, Illinois

#### Contemporary Topics in Toxicology

Jean-Claude Roger (Moderator), Coordinator, Product Safety-International, Amoco Corporation: "Introduction of Dr. John A. Thomas, Recipient of the 1986 Kenneth P. DuBois Award"

John A. Thomas, Vice President, Baxter-Travenol: "Reproductive Toxicology"

Carole Kimmel, Teratologist, US EPA: "Behavioral Teratology"

Robert Metcalf, Professor of Biology and Entomology and Environmental Studies, University of Illinois-Urbana: "Organophosphate-induced Delayed Neurotoxicity"

Hugh Lewis, Dean, School of Veterinary Medicine, Purdue University: "Development of New Pharmaceuticals: Feat of the Unknown"

Jean-Claude Roger: "Concluding Remarks"

A social hour will be sponsored by Food and Drug Research Laboratories, Inc., East Orange, NJ, followed by the banquet and Presidential Remarks by Dr. Frank N. Kotsonis, Vice President of Preclinical and Clinical Research, NutraSweet.

Registration deadline: April 25, 1986. Registration fees: \$35 for members and \$45 for non-members, including banquet. Send check payable to SOT Midwest Regional Chapter to: Leo Martis, Baxter-Travenol Labs, Route 120 and Wilson Road, Round Lake, IL 60073, (312) 546-6311.

### South Central Chapter

The Fall Meeting of the South Central Chapter was held at the National Center for Toxicological Research at Jefferson, AK, on November 8, 1985. There were more than 70 registrants for the meeting. The members and guests of the chapter were welcomed by the Director of the NCTR, Dr. Ronald Hart, after which 11 platform paper and 15 posters were presented covering a wide variety of research topics in toxicology.

A plaque and a check for \$100 were presented to F.K. Adatsi for the best student platform presentation and to J.C. Lipscomb for the best student poster presentation. The Spring Meeting of the chapter will be held at Mississippi State University on May 23, 1986. For more information, contact: Dr. Janice Chambers, Department of Biological Sciences, Mississippi State University, PO Drawer GY, Mississippi State, MS 39762.

## Insurance For SOT Members?

The SOT headquarters office has received several inquiries from members regarding the prospect of the Society's offering professional liability insurance for its members. The subject has been raised and examined in recent years, and has not been determined to be feasible due to lack of a sufficient level of interest and technical insurance policy issues.

If you are interested in the Society's pursuing development of an insurance policy, please send a note explaining how it would benefit you to Joan Walsh Cassidy, SOT Executive Secretary, 1133 Fifteenth Street, NW, Suite 620, Washington, DC 20005. It would be most helpful if your expression of interest could be received by March 15, 1986.

## REMINDER

Joint ASPET/SOT Meeting  
Baltimore, MD  
August 17-21, 1986

### SOT Committee

Gary Lage, Chairman  
Carl Schulz  
William Tierney  
William Waddell