

Society of Toxicology NEWSLETTER

25TH ANNIVERSARY YEAR

DECEMBER 1985

New Editors Appointed

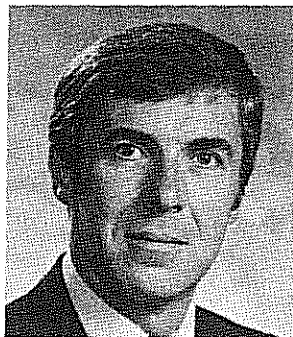
The Board of Publications, in unanimous action, has appointed new editors for the Society of Toxicology's official journals. Dr. I. Glenn Sipes, University of Arizona, has been appointed to a three-year term as Editor of *Toxicology and Applied Pharmacology*, succeeding Dr. A. Wallace Hayes. Dr. Bernard A. Schwetz, National Institute of Environmental Health Sciences, has been appointed to a three-year term as Editor of *Fundamental and Applied Toxicology*, succeeding Dr. William W. Carlton. Both individuals are already busy making arrangements to assume their new duties on January 1, 1986. The Society and the new editors are fortunate in having the generous cooperation of the retiring editors in assuring an orderly change in the editorial offices.

During a transition period, most manuscripts submitted in 1985 will continue to be handled by the retiring editors. Manuscripts submitted after January 1, 1986, will be handled by the new editors.

The two new editors are distinguished toxicologists and well known to members of the Society of Toxicology. Dr. I. Glenn Sipes received a B.S. in Pharmacy from the University of Cincinnati and a Ph.D. in Pharmacology from the University of Pittsburgh. From 1969 to 1973, he was associated with the National Heart, Lung and Blood Institute. Since 1973, he has served on the faculty of the University of Arizona in successively more responsible positions. Currently he serves as Professor and Head, Department of Pharmacology and Toxicology, College of Pharmacy and Professor of Pharmacology, College of Medicine.

He is an active teacher and investigator in the areas of biochemical toxicology and pharmacology. He has published numerous papers on the role of biotransformation in hepatotoxicity and carcinogenicity of inhalation anesthetics and related compounds, bioactivation and covalent binding of carcinogens to tissue macromolecules and drug metabolism and pharmacokinetics.

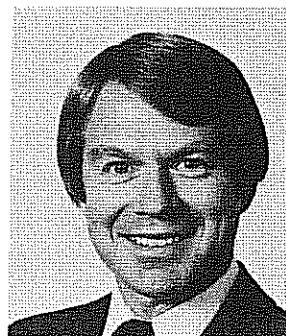
Glenn is very active in a number of scientific and editorial activities, especially in the Society of Toxicology. He has been very active in the Mechanisms Specialty Section, having served as its Secretary/Treasurer, Vice President and President. He currently serves as Secretary of the Society. For many years, he has reviewed manuscripts for *Toxicology and Applied Pharmacology* and most



I. Glenn Sipes, Editor, *Toxicology and Applied Pharmacology*

recently, served as an Associate Editor. In 1985, he was the recipient of the Burroughs Wellcome Toxicology Scholar Award.

Dr. Bernard Schwetz received a B.S. degree from the University of Wisconsin - Stevens Point, a DVM from the University of Minnesota and M.S. and Ph.D. degrees from the University of Iowa. From 1970 to 1982, he was associated with Dow Chemical USA in successively more responsible positions, serving as Director of the Toxicology Research Laboratory from 1978 to 1982. Since 1982, he has been associated with the National Institute of Environmental Health Sciences as Branch Chief within the Toxicology Research and Testing Program of the National Toxicology Program. He also serves as an Adjunct Professor of Pharmacology and Toxicology at the School of Veterinary Medicine, North Carolina State University. He is a diplomate of the American Board of Toxicology.



Bernard A. Schwetz, Editor, *Fundamental and Applied Toxicology*

Bern is an accomplished scientist who is well known for his work on embryo and fetotoxicity and teratogenic effects. He has conducted research with many different animal species and a broad range of chemicals. His research findings have been of critical importance in assessing the human health risks of a number of materials of industrial or environmental interest. He is author or co-author of a number of papers.

Bern has been an active member of the Society of Toxicology. He was a charter member of the Michigan Regional Chapter, is now a member of the North Carolina Regional Chapter and is a member of the Reproductive Toxicology Specialty Section. He is currently a Councilor of the Society. Bern has had a long-standing interest in the Society's publications. He previously served a three-year term on the Board of Publications. Since 1978, he has served on the Editorial Board of *Toxicology and Applied Pharmacology* and from 1983 to 1985, served as an Associate Editor of *Fundamental and Applied Toxicology*.

Publication of the journals is one of the Society's most important activities. The journals represent one of the most tangible legacies by which future generations will judge today's toxicology and toxicologists. The Society is fortunate to have individuals with the qualifications of Drs. Schwetz and Sipes as Editors of the Society's official journals to help assure the quality of this legacy.

Roger O. McClellan, D.V.M.
Chairperson, SOT Board of Publications



President's Message

Congratulations to Our New Editors

The very best for a productive future to Glenn Sipes and Bern Schwetz as they take on the demanding jobs as editors of our scientific journals. Please send them your ideas for continued development as well as your manuscripts. They follow an outstanding level of performance by Wally Hayes and Bill Carlton and will need help from us all to continue our growth. The Board of Publications, under the chairmanship of Roger McClellan, reviewed a series of excellent candidates for the two positions of editor, and the final selections were enthusiastically received by Council. Glenn and Wally, as well as Bern and Bill, have been working for a smooth transition of the work.

Need for Non-Member Subscriptions to FAAT

As the number of approved manuscripts have grown, Council has underwritten the cost of some expansion in numbers of pages for FAAT. We believe this is money well spent for members. However we have not forgotten that a substantial percentage of our members have expressed a desire for an optional subscription plan for our journals. The stumbling block for this plan is that FAAT must become financially independent of subscriptions from SOT members before a publisher will take the job. This, in turn, requires a substantial number of non-member subscriptions that FAAT does not yet have. Your help in requesting libraries to subscribe will be a major assist towards this goal.

Preliminary Program - 25th Anniversary Meeting

Did you get your preliminary program with registration forms? If not, call the Washington office right away. It should be an exciting meeting. The Program Committee reviewed over 1250 abstracts for platform and poster presentations—another big increase in our scientific program. The evening reception at the Museum of Art is, I believe, a first for SOT. Many members have commented favorably on such receptions with other societies, and we are looking forward to a stimulating and relaxing evening. Twelve symposia are scheduled for the meeting — another record. All of the suggestions could not be accommodated. It would be a big help if recommendations for symposia for 1987 could be given to Jerry Hook in New Orleans. The guidelines call for suggested speakers and titled of presentations. Leave some room for constructive input from the Program Committee. Use SOT members for speakers if available, but don't hesitate to recommend the best possible for the subject.

Looking Forward to a Busy 1986

SOT will not only celebrate its 25th anniversary in March of 1986, but will also jointly sponsor a scientific meeting with ASPET in August, and will take part in the IUTOX meeting in Japan in July. Hope to see many of you at these meetings. Best wishes for a productive and healthy 1986.

Emil A. Pfitzer

Publications Of Interest

Immunotoxicology and Immunopharmacology (Target Organ Toxicology Series), edited by Jack H. Dean, Michael I. Luster, Albert E. Munson and Harry Amos, Raven Press, 1140 Avenue of the Americas, New York, NY 10036, (202) 575-0335, 527 pages, \$95.00.

Review of Current DHHS, DOE, and EPA Research Related to Toxicology and Annual Plan, National Toxicology Program, Fiscal Year 1985, NTP-85-056, available from Public Information Office, National Toxicology Program, P.O. Box 12233, Research Triangle Park, NC 27709, (919) 541-3991; FTS 629-3991.

Ambient Air Pollutants from Industrial Sources, A Reference Handbook, edited by M. J. Suess, K. Grefen and K.W. Reinisch, 843 pages, and *Dietary and Environment Lead: Human Health Effects*, edited by K.R. Mahaffey, Topics in Environmental Health, Volume 7, 472 pages, available from Elsevier Science Publishers, P.O. Box 211, 1000 AE Amsterdam, The Netherlands; in the USA and Canada, P.O. Box 1663, Grand Central Station, New York, NY 10163.

IUTOX

The Fourth International Congress of Toxicology (IUTOX) will be held July 21-25, 1986, in Tokyo. Deadline for submission of abstracts and lower pre-registration fee is February 28, 1986. Abstract and registration forms may be obtained from the IUTOX secretariat, Hongo P.O. Box 45, Tokyo 113, Japan.

The SOT is preparing a travel package for the convenience of US and Canadian members. Information regarding the travel arrangements is enclosed.

ACS And NBS To Hold Conference On Biotechnology

A Conference on the "Chemical Aspects of Biotechnology" will be held May 5-7, 1986, at the National Bureau of Standards in Gaithersburg, MD. This Conference will cover the crucial roles that chemical sciences and technology play in the development of biotechnology. In light of the current activity by the Federal Government to regulate many of the products of biotechnology under the same laws used for chemicals, an understanding of the chemical basis of biotechnology will be useful to scientists as well as policymakers.

The conference will consist of five sessions and will feature a poster session to stimulate informal discussions the second evening. The five sessions will focus on protein engineering, gene regulation, analytical methodology, bioengineering, and public policy. Some of the topics to be addressed include enzyme manipulations, enhancing gene expression, gene regulation in plants, protein sequencing, plant-cell culture and scale-up, patents, and risk assessment.

These topics will be addressed by experts from the United States and Europe. A panel discussion with representatives from industry, academe, government, and public interest groups will focus on public policy issues.

The Conference is sponsored by the American Chemical Society (ACS) and the National Bureau of Standards (NBS). SOT is a cosponsor, together with the Chemical Manufacturers Association, The Conservation Foundation, US Department of Agriculture, Environmental Law Institute, US Food and Drug Administration, Industrial Biotechnology Association, National Agricultural Chemicals Association, National Institutes of Health, and Pharmaceutical Manufacturers Association.

The program brochure, including housing and registration, will be available in January 1986. To be placed on the mailing list, write to Mrs. Kathy Stang, A353 Physics Building, National Bureau of Standards, Gaithersburg, MD 20899 or call (301) 921-2255. For additional technical information, contact Ms. Susan Moses, American Chemical Society, 1155 - 16th Street, NW, Washington, DC 20036, (202) 872-4394.

Media Poll On Animal Research

A recent Media General-Associated Press nationwide telephone poll of 1,412 adults found 81 percent in support of using animals in research in diseases such as cancer, heart disease and diabetes.

Nearly 90 percent of respondents had no objections to the use of rats in medical research, but only 55 percent approved of the use of dogs. If, however, no other animals were suitable for certain life-saving medical experiments, 60 percent of those opposed to using dogs would change their minds and approve their use. Nearly three-quarters of the respondents believed that animals that would otherwise be killed in pounds are suitable for research.

Nearly half of the respondents believed laboratory animals were generally treated humanely, while 30 percent did not and the remainder were unsure.

[Editor's Note: From NABR Update, National Association for Biomedical Research]

ILSI Histopathology Seminar

The International Life Sciences Institute (ILSI) will present the "Histopathology Seminar on the Urinary System of Laboratory Animals" at two locations: Nara Medical College, Nara, Japan, on March 26-29, 1986, and Harvard Medical School, Boston, Massachusetts on June 17-19, 1986. This laboratory course was first presented in 1984 in Hannover, Federal Republic of Germany. Emphasis will be on morphology, pathogenesis and biologic significance of lesions of the urinary system in rats, mice and hamsters. The official seminar language is English.

Materials will be presented on normal structure and neoplastic and nonneoplastic lesions of the urinary system. Special emphasis will be given to identification and differential diagnosis of specific lesions, particularly neoplasms.

Course topics will include pathogenesis and pathologic effects of glomerular injury, tubular and interstitial disease, carcinogenesis, vascular and spontaneous diseases and the effects of toxins on the urinary system. Species and strain differences will be considered in relation to each pathologic effect.

Each participant will receive as part of the seminar packet a set of kodachromes of selected lesions. Informal interaction with the instructors is encouraged; ample time will be allowed for participants to consult with individual faculty members on their own interesting or problem cases.

Tuition for the seminar at Harvard is \$500 (\$250 for residents and fellows with a letter of verification from department chairman). For additional information on the seminar in Boston, contact Dr. T.C. Jones, Harvard Medical School, New England Regional Primate Research Center, One Pine Hill Drive, Southborough, MA 01772, 617/481-0400.

For information about the Nara seminar, contact Dr. Yoichi Koniichi, Department of Oncological Pathology, Cancer Center, Nara Medical College, 840 Shijo-cho, Kaschihara, Nara 634, Japan.

Coming Events

"AIDS and Employment Issues," January 29, 1986, sponsored by the Center for Labor and Industrial Relations, New York Institute of Technology and The Greater New York Safety Council, at Hotel Roosevelt, New York, NY. Contact: Dr. Richard F. Andree, Professor of Labor Relations, CLIR, NY Institute of Technology, Old Westbury, NY 11568, 516/6867722.

"Second International Symposium on Regulation of Chemicals in the Global Environment," January 29-31, 1986, Europa Hotel, Brussels, Belgium. Sponsored by the Institute for European Environmental Policy and International Environment Reporter. Contact: Suzanne Gordon, BNA Books and Conferences, 1251-25th Street, NW, Washington DC 20037, 202/452-4570.

"National Conference on Risk Communication," January 29-31, 1986, sponsored by the Conservation Foundation, National Science Foundation, US Environmental Protection Agency, American Industrial Health Council, University of Southern California, at Mayflower Hotel, Washington, DC. Contact: Conference Coordinator, The Conservation Foundation, 1255 - 23rd Street, NW, Washington, DC 20037, (202) 293-4800.

"Mouse Liver Tumors: Relevance to Human Cancer Risk," February 2-5, 1986, Hotel Excelsior, Rome, Italy. Sponsored by the European Society of Toxicology and the Italian Society of Toxicology. Contact: S.I.S., 19 Grosvenor Gardens, London SW1W 0BD, U.K., (01)6305545, Telex: 946240 CWEASY G. Reference 19010110.

"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.

The following courses on hazardous materials management are offered by the University of California (UC) at Davis. Contact: (919) 752-6021.

"Underground Tank Compliance Programs," January 31, 1986

"Field Identification of Commonly Spilled Materials Using Haz-Cat," February 1, 1986

"Media Mania: Communicating "Toxics" Issues to the Public," February 11, 1986

"Computer Applications in Hazardous Waste Management," March 6-7

"Investigation and Cleanup of Pesticides in Soil and Groundwater," March 13, 1986

The following courses for the Certificate Program in Hazardous Materials Management are offered by UC Davis. Contact: (919) 752-6021.

"Principles of Toxicology," January 23-24 and February 20-21, 1986

"Technologies for Storage, Treatment and Disposal of Hazardous Materials," February 3-4 and March 3-4, 1986

"Industrial Hygiene," February 13-14 and 27-28, 1986

"Regulatory Framework for Toxic and Hazardous Substances," February 24-25 and March 10-11, 1986

A list of courses offered by the Center for Advanced Training in Cell and Molecular Biology is available from Lucille A. Ouellette, Ph.D., Assistant Director for Program Development, CATCMB, The Catholic University of America, Washington, DC 20064. (202) 635-5275.

Specialty Section/ Regional Chapter News

Southeastern Chapter

The Fall Meeting of the Southeastern Chapter was held on September 13-14, 1985, at the University of Tennessee at Chattanooga. The meeting was entitled, "The Role of Environmental Toxicology in the Assessment of Superfund Sites." It was organized by President-Elect Tom Marshall and featured the following speakers who addressed the theme subject from different aspects: Don Shackelford (State of Tennessee), Melissa Rockking (IT Corp.), Jeff Black (University of Kentucky), Terry Miller (Enviro-measure, Inc.), and Renate Kimbrough (CDC-Atlanta).

Dinner was held on the Southern Bell Riverboat and the following day ten papers were presented by members on various topics. Fen Ferslew (ETSU) was elected President-Elect and Barbara Kemp-parnen (Auburn), Councilor.

Pacific Northwest Chapter

The Pacific Northwest Chapter announces the election of its new officers for the 1985-1986 year:

President	Lavern J. Weber, Ph.D. Director, Mark O. Hatfield Marine Science Center
President-Elect:	Ian J. Tinsley, Ph.D. Acting Head, Agricultural Chemistry Oregon State University
Vice President:	Robert I. Krieger, Ph.D. Department of Veterinary Medicine University of Idaho, Moscow
Secretary-Treasurer:	Elaine Faustman-Watts, Ph.D. Assistant Professor Department of Environmental Health University of Washington
Councilors:	George V. Alexeef, Ph.D. Toxicologist Weyerhaeuser Company
	Bruce J. Kelman, Ph.D. Battelle Pacific Northwest Labs
	James S. Woods, Ph.D. Senior Research Scientist Battelle Seattle Research Center

Beverly Hitchings

The Society of Toxicology expresses deep sorrow in learning of the death of Beverly Hitchings on December 2, 1985. Mrs. Hitchings was the wife of Dr. George H. Hitchings, an honorary member of the Society and president of the Burroughs Wellcome Fund that provides the support for the annual Toxicology Scholar Award in cooperation with the Society of Toxicology. Memorial contributions may be sent to the "George and Beverly Hitchings Endowment Fund," Community Foundation, NCNB Building, 123 West Main Street, Third Floor, Suite 4, Durham, NC 27701.