



Fundamental and Applied Toxicology

FAATDF 2(2) 55-99 (1982)

Volume 2/Number 2

March/April, 1982

SUBMITTED PAPERS:

Correlation of Human Hepatotoxicants with Hepatic Damage in Animals. A. Wallace Hayes, Toni Fedorowski, Tibor Balazs, William W. Carlton, Bruce A. Fowler, Martin R. Gilman, Irwin Heyman, Benjamin A. Jackson, Gerald L. Kennedy, Raymond E. Shapiro, Carl C. Smith, Robert G. Tardiff and Carrol S. Weil	55
Influence of Body Size and Developmental Stage of Coho Salmon <i>(Oncorhynchus kisutch)</i> on Lethality of Several Toxicants. James L. Hedtke, Everett Robinson-Wilson and Lavern J. Weber	67
Teratogenicity Study of N-Methylpyrrolidone after Dermal Application to Sprague-Dawley Rats. Peter J. Becci, Michael J. Knickerbocker, Elizabeth L. Reagan, Richard A. Parent and Llewellyn W. Burnette	73
Effects of Fly Ash and its Constituents on Sensory Irritation in Mice. Gary E. Hatch, Elizabeth Boykin, Frederick J. Miller and Judith A. Graham	77
Studies on the Carcinogenicity of Pentachloroethane in Rats and Mice. John H. Mennear, Joseph K. Haseman, David J. Sullivan, Ernesto Bernal and Paul K. Hildebrandt	82
Effect of Fasting on the Acute Toxicity of HI-6 and its Efficacy in Soman Poisoned Mice. John G. Clement	88
Immunotoxicity of Technical Pentachlorophenol (PCP-T): Depressed Humoral Immune Responses to T-dependent and T-independent Antigen Stimulation in PCP-T Exposed Mice. N. Isaacson Kerkvliet, L. Baecher-Steppan, A.T. Claycomb, A.M. Craig and G.G. Shegbeby	90
Editorial Board	II
Council	II
Committees	3/a
Meetings	6/a
New Products	8/a
Errata	10/a
Information for Authors	17/a

Publishing Director
William E. McCormick
Managing Editor
Jill A. Weaver

Editors
William W. Carlton, D.V.M., Ph.D.
School of Veterinary Medicine
Purdue University
Lafayette, IN 47907
Philip G. Watanabe, Ph.D.
Dow Chemical U.S.A.
1803 Bldg. — Tox. Lab.
Midland, MI 48640

Publisher's Editorial Statement

FUNDAMENTAL AND APPLIED TOXICOLOGY, an official publication of the Society of Toxicology, publishes scientific articles and reports relating to those broad aspects of toxicology which are relevant to assessing the risk or effects of toxic agents (chemicals, including drugs and natural products or forms of energy) on human and other animal health. For example: statistical and mathematical methods of risk assessment, safety evaluation studies, which are structural, biochemical or functional in nature

Also included are papers on methods and equipment, regulatory issues on policy papers relevant to the practice of toxicology, scientific reviews on specific topics, and papers from symposia. Special sections will cover meetings, book reviews and letters to the editor

FUNDAMENTAL AND APPLIED TOXICOLOGY [ISSN 0272-0590] is published bimonthly for \$50 per year to US subscribers, \$60 elsewhere (prepaid, US funds) by the Society of Toxicology, 475 Wolf Ledges Parkway, Akron, OH 44311-1087. Single copies in U.S. \$12.00, elsewhere \$13.00. Airmail available, rates on request. Application to mail at second class postage rates is pending at Akron, OH 44309. **POSTMASTER:** Send address changes to Executive Secretary, Society of Toxicology, 475 Wolf Ledges Parkway, Akron, OH 44311-1087.

Editorial/business offices at above address, phone (216) 762-2289. Copyright © 1981 Society of Toxicology. Isolated articles subject to this copyright may be photocopied in limited quantity for nonprofit classroom or library reserve use by instructors and educational institutions. Back copies not available from SOT. For Xerox copies of articles from back issues, plus microfilm or microfiche copies of complete volumes, contact University Microfilms, Intl., 300 N. Zeeb Rd., Ann Arbor, MI 48106 (313) 761-4700.

Send change of address (6 weeks advance notice required) or claim for missing issues to business office. No claims allowed for insufficient notice of address change, issues lost in mail (unless filed within 60 days of publication date, US & Canada, 90 days others) or issues missing in files, etc.

Right is reserved to edit all contributions and advertisements and to reject any not meeting high standards of the Society of Toxicology. No responsibility is assumed for statements and opinions of contributors. Articles appearing on serially numbered pages all are peer reviewed. Views expressed in editorial matter appearing in the "a-" section, for information only, are those of contributors or individuals, have not been peer reviewed and do not necessarily reflect the official position of the Society of Toxicology, FUNDAMENTAL AND APPLIED TOXICOLOGY, or the institution with which the author is affiliated.