SOCIETY OF TOXICOLOGY INCORPORATED

PROGRAM

FIFTH ANNUAL MEETING

Williamsburg, Virginia

MARCH 14-16, 1966
INFORMATION

REGISTRATION
Pre-registration forms obtainable from Secretary:

Mr. Carrol S. Weil
Mellon Institute
4400 Fifth Avenue
Pittsburgh, Pa. 15213

Registration Desk—Conference Center
Sunday, March 13—2:00 P.M.—5:00 P.M.
7:30 P.M.—10:00 P.M.
Monday, March 14—8:30 A.M.—5:00 P.M.
Tuesday, March 15—8:30 A.M.—5:00 P.M.
Wednesday, March 16—8:30 A.M.—12:00 Noon

Fees—Society of Toxicology, Inc. members: $10.00
Non-members: $15.00 Pre-doctoral, full-time students: $2.00

Abstracts—on sale at meeting $1.00
One copy mailed to each Society of Toxicology member and other pre-registrants. Distributed without charge to non-members registering at Registration Desk.

MEETINGS
Scientific Sessions—Location:
North Ballroom—Conference Center
Tidewater Room—Conference Center

Annual Business Meeting:
Tidewater Room—Monday, March 14—4:00 P.M.

SOCIAL EVENTS
Sunday, March 13
Golf Tournament—Verald K. Rowe
Boating Event—William B. Deichmann

Monday, March 14
Social Hour—6:00 P.M.
Virginia Room

Tuesday, March 15
Banquet—7:00 P.M.
Tickets available at Registration Desk
Virginia Room

The cocktail party, wine for the banquet, registration envelopes and golf tournament prizes have been sponsored by the following laboratories:

Food and Drug Research Laboratories
Hazelton Laboratories
Industrial Bio-Test Laboratories
LaWall and Harrisson
Leberco Laboratories
Rosner-Hixson Laboratories
Woodard Research Corporation
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MONDAY, MARCH 14th

MONDAY MORNING

NORTH BALLROOM

Chairman: Dr. William B. Deichmann
University of Miami
Coral Gables 34, Florida


9:40 38. Rectal Absorption of Salicylates. Werner Lowenthal and Joseph F. Borzelleca, Department of Pharmacology, Medical College of Virginia, Richmond, Virginia.


MONDAY, MARCH 14th

MONDAY MORNING

TIDEWATER ROOM

Chairman: John H. Weisburger
National Cancer Institute
Bethesda, Maryland

9:00 34. Studies in Chemical Carcinogenesis. III. a-Aminoanthraquinone. S. Laham, H. C. Grice and J. W. Sinclair, Environmental Toxicology Programme, Occupational Health Division, Environmental Health Care, Department of National Health and Welfare, Ottawa, Ontario, Canada.


10:00 21. Cytogenetic Studies of Rats Injected with Lindane. Roberta D. Friberg and Vernon N. Dodson, Department of Industrial Health, School of Public Health, The University of Michigan, Ann Arbor, Michigan (Sponsor: Herbert H. Cornish.)

10:20 68. Nickel Carcinogenesis, Inhibition of the Induction of Pulmonary Benzpyrene Hydroxylase by Nickel Carbonyl. F. William Sunderman, Jr., Department of Pathology, University of Florida College of Medicine, Gainesville, Florida.

10:40 79. Age and Latent Period in Carcinogenesis. G. S. Wilberg, M. Demeny and H. C. Grice, Pathology and Toxicology Section, Research Laboratories, Food and Drug Directorate, Department of National Health and Welfare, Ottawa, Ontario, Canada. (Sponsor: W. A. Mannell.)

MONDAY, MARCH 14th

MONDAY AFTERNOON

TIDEWATER ROOM

Chairman: H. P. Drobeck
Sterling-Winthrop Research Inst.
Rensselaer, New York


2:45  37. Automated Techniques in Clinical Pharmacology and Toxicology. Donald G. Levitt, Division of Medical Information, Bureau of Health, Education and Welfare, Washington, D. C.


4:00 Annual Business Meeting
    Tidewater Room, Conference Center

6:00 Social Hour
    Virginia Room, Conference Center
TUESDAY, MARCH 15th

TUESDAY MORNING

NORTH BALLROOM

Chairman: Francis X. Wazeter
International Research and Development Corporation
Mattawan, Michigan


10:20 43. Some Toxicologic Effects of High Doses of the Nonaddicting Analgesic Agent, Methotrimipramine. J. F. Noble and B. M. Sparano, Departments of Pharmacological Research and Experimental Pathology, Experimental Therapeutics Research, Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York. (Sponsor: K.-F. Benitz)


TUESDAY, MARCH 15th

TUESDAY MORNING

TIDEWATER ROOM

Chairman: Wayland J. Hayes
U. S. Public Health Service
Atlanta, Georgia

9:00  11. Effect of Combinations of Pesticides on Reproduction of Mice. W. B. Deichmann and M. L. Keplinger, Department of Pharmacology and Research and Teaching Center of Toxicology, University of Miami School of Medicine, Coral Gables, Florida.


10:00 30. Tissue Storage in Mice Fed Combinations of Pesticides. M. L. Keplinger, I. A. Dressler and W. B. Deichmann, Department of Pharmacology and Research and Teaching Center of Toxicology, University of Miami School of Medicine, Coral Gables, Florida.


11:00 63. Comparisons of Biochemical and Electron Microscopic Alterations in Rats and Monkeys Medicated Orally with TDE. A. A. Stein D. M. Serrone and F. Coulston, The Institute of Experimental Pathology and Toxicology, Albany Medical College of Union University, Albany, New York.

TUESDAY, MARCH 15th

TUESDAY AFTERNOON

NORTH BALLROOM

Chairman: Bertram D. Dinman
University of Michigan Medical Center
Ann Arbor, Michigan


1:50 10. Metabolism of Ethyltin and Diethyltin and Its Oxide in Rats. D. S. Davies and R. T. Williams, Department of Biochemistry, St. Mary's Hospital Medical School, London, England.

2:10 53. Alcohol Metabolism in Methanol- and Ethanol-Pretreated Rats. Richard C. Ryan and Herbert H. Cornish, Department of Industrial Health, School of Public Health, The University of Michigan, Ann Arbor, Michigan.


3:30 17. Increased Susceptibility of Guinea Pigs to Histamine Poisoning Following Exposure to Ozone. Richard Easton and Sheldon Murphy, Department of Physiology, Harvard School of Public Health, Boston, Massachusetts.

3:50 1. Lysyozymuria Induced in Rats by Nephrotoxic Agents. T. Balazs and R. R. Roepke, Department of Pharmacological Research, Experimental Therapeutics Research, Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York.


7:00 Society of Toxicology Banquet
Virginia Room, Conference Center
TUESDAY, MARCH 15th
TUESDAY AFTERNOON
TIDEWATER ROOM

Chairman: Dr. Alfred E. Earl
Ciba Pharmaceutical Company
Summit, New Jersey

1:30 23. Toxicity and Biologic Effects of Malathion, Phosdrin, and Sevin in the Chick Embryo. M. Ghadiri and D. A. Greenwood, Utah State University, Logan, Utah.


2:30 2. Myopathy and Fetal Death Due to Hemicolinium Injection into Chicken Eggs. Bernard A. Becker and Jean Linder, Department of Pharmacology, University of Iowa College of Medicine, Iowa City, Iowa.


3:10 25. Blue VRS-Induced Rhabdomyosarcomas. H. C. Grice, I. Dupuis, M. Denney and W. A. Mannell, Pathology and Toxicology Section, Research Laboratories, Food and Drug Directorate, Department of National Health and Welfare, Ottawa, Ontario, Canada.

3:30 45. Plutonium Particle-Induced Neoplasia of the Canine Lung. J. F. Park, W. J. Clarke and W. J. Bair, Biology Department, Pacific Northwest Laboratories, Battelle Memorial Institute, Richland, Washington. (Sponsor: H. A. Kornberg.)


4:10 72. Effect of Thoracic X-Irradiation on the Composition of Lung Tissue. E. G. Tombropoulos and K. E. McDonald, Biology Department, Pacific Northwest Laboratories, Battelle Memorial Institute, Richland, Washington. (Sponsor: H. A. Kornberg.)

7:00 Society of Toxicology Banquet
Virginia Room, Conference Center
WEDNESDAY, MARCH 16th

WEDNESDAY MORNING

NORTH BALLROOM

Chairman: John Ward
A. H. Robins Company, Incorporated
Richmond, Virginia


9:40 73. Central Effects in Dogs or Intracisternally Administered Triamcinolone Acetonide-21-Phosphate. C. E. Traitor and J. F. Noble, Department of Pharmacological Research, Experimental Therapeutics Research, Lederle Laboratories Division, American Cynamid Company, Pearl River, New York. (Sponsor: D. W. Hallesy.)

10:00 57. Method for the Study of Neurotoxicologic Effects Produced by the Chronic Perfusion of Drugs through the Cerebrospinal Fluid Space of Unanesthetized Monkeys. Robert F. Shepard, Jr., Life Sciences Division, Arthur D. Little, Inc., Cambridge, Massachusetts. (Sponsor: C. J. Kessler.)


11:00 82. Nature of Sensory Evoked Response in Relation to Consciousness. C. Xintaras, M. F. Sobecki and C. E. Ulrich, Pharmacology and Toxicology Section, Laboratory of Medical and Biological Sciences, Division of Air Pollution, Public Health Service, U. S. Department of Health, Education and Welfare, Cincinnati, Ohio.

11:20 70. Evaluation of Spontaneous Activity of Dogs by Time-Lapse Photography. Anthony A. Thomas, Toxic Hazards Division, Biomedical Laboratory, 6570th Aerospace Medical Research Laboratory (MMRP), Wright-Patterson Air Force Base, Ohio.
WEDNESDAY, MARCH 16th

WEDNESDAY MORNING

TIDEWATER ROOM

Chairman: William L. Downs
University of Rochester School of Medicine
Rochester, New York


10:00 60. Tissue Distribution of Inhaled Turpentine in Rats. Frederick Sperling and William L. Marcus, Department of Pharmacology, College of Medicine, Howard University, Washington, D. C.

10:20 64. Experimental Human Exposure to Trichloroethylene Vapor. Richard D. Stewart, Harold H. Gay, Hugh C. Dodd, Duncan S. Erley and Arnold W. Schaffer, Biochemical Research Laboratory, Medical Department and Chemical Physics Research Laboratory, The Dow Chemical Company, Midland, Michigan.

10:40 6. Uptake and Elimination of Carbon Monoxide from the Blood of Smokers and Non-Smokers. Arthur W. Burke, Jr. and Martha J. Briggs, Department of Pharmacology, Medical College of Virginia, Richmond, Virginia. (Sponsor: P. S. Larson.)

11:00 8. Interacting Responses following Inhalation of Ozone Streptococci. David L. Coffin and Earl J. Blommer, Laboratory of Medical and Biological Sciences, Division of Air Pollution, Public Health Service, U. S. Department of Health, Education and Welfare, Cincinnati, Ohio.

WEDNESDAY, MARCH 16th

WEDNESDAY AFTERNOON

NORTH BALLROOM

Chairman: Amos E. Light
Food and Drug Administration
Washington, D. C.


1:50 47. Diet and Caffeine Toxicity in Rats. J. M. Peters and E. M. Boyd, Department of Pharmacology, Queen's University, Kingston, Ontario, Canada.


WEDNESDAY, MARCH 16th

WEDNESDAY AFTERNOON

TIDEWATER ROOM

Chairman: Thomas W. Tusing
Hazleton Laboratories, Incorporated
Falls Church, Virginia

1:30 42. Comparison of Malathion-Esterase and Acetylcholinesterase Activities in Animals Treated with Malathion. Sheldon D. Murphy, Department of Physiology, Harvard School of Public Health, Boston, Massachusetts.


2:30 55. Biochemical and Electron Microscopic Changes Observed in Rats and Monkeys Medicated Orally with Carbaryl. D. M. Serrone, A. A. Stein and F. Coulston, The Institute of Experimental Pathology and Toxicology, Albany Medical College of Union University, Albany, New York.


3:10 77. Effects of Mirex and DDT on Reproduction in the BALB/c and CFW Strains of Mice. George W. Ware and Ernest E. Good, Department of Zoology and Entomology, Ohio State University, Columbus, Ohio. (Sponsor: Roger A. Yeary.)
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