



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

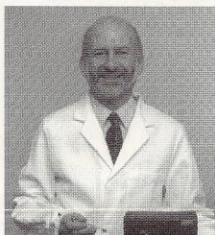
Vol. 13, No. 2, June, 1996

ISCE SCIENTISTS HONORED



RITSUO NISHIDA. The Japanese Society of Applied Entomology and Zoology has honored Ritsuo (Ritz) Nishida this year for his work on "Ecological Function of Insect Semiochemicals". Dr. Nishida's studies include: oviposition stimulants of swallowtail butterflies; sequestration of plant natural products by insects; and sex pheromones of the danaine butterfly and german cockroach. He holds a doctorate from Kyoto University and is currently an associate professor in the Faculty of Agriculture there. He has published over 50 papers related to chemical ecology. The Agricultural Chemical Society of Japan previously recognized him by awarding him the "Young Scientist Prize" in 1989. Ritz is an active member of ISCE who presents papers regularly at annual meetings and who also has served as a councillor.

WITTKO FRANCKE. Gesellschaft Deutscher Chemiker (German Chemical Society) has bestowed the Otto-Wallach Medal on Wittko Francke. This award, named after the German Nobel prize winner Otto Wallach, was given in recognition of Dr. Francke's excellent scientific achievements in natural products chemistry, especially for his research on the identification and function of volatile compounds used for communication as pheromones, allomones, and kairomones. The medal is awarded from time to time to distinguished internationally renowned scientists. Professor Francke is a past-president of the ISCE and is Professor of Chemistry at the University of Hamburg, Germany. Last year he received the Silver Medal Award from ISCE in recognition of his contributions to chemical ecology.



JOHN PICKETT. The Royal Society has elected John Pickett to Fellowship. Professor Pickett is a natural products chemist, distinguished for his major contributions to insect chemical ecology and its exploitation in novel, environmentally-sound systems of agricultural pest control. By applying GC/MS analytical techniques, Dr. Pickett made the first characterization of mosquito and aphid sex pheromones, and has since identified many other semiochemicals from pest and beneficial insects. Current studies focus on the exploitation of plant natural product semiochemicals by molecular genetic techniques. He is Head of the Biological and Ecological Chemistry Department at IACR-Rothamsted in England. He recently received the Rank Prize for Nutrition, and Crop Husbandry, and is currently President of the ISCE.

From the Editor

Thanks to everyone who sent information for the newsletter. I hope you will continue to do so!

Please take a minute to vote for Vice-President. Return your ballot to me before August 1, 1996.

If you have not paid your 1996 dues, please send your check now to Francis Webster. If you are not sure whether or not you have paid your dues, send an inquiry e-mail to Francis at: fwebster@mailbox.syr.edu

If you have a topic you would like discussed at the annual meeting, either by the Executive Committee and Councilors or by the membership, please let any member of the EC know.

- John Romeo

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PRAGUE - AUGUST 18-22, 1996

The 13th Annual Meeting of ISCE will take place in the city of Prague. Abstract and registration forms were due in April. If you wish to attend this meeting, contact Dr. Juraj Harmatha:

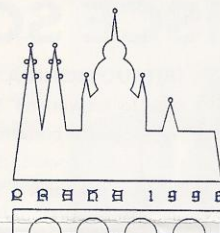
Phone - 47-2-3312522

Fax - 42-2-24310090

E-mail - harmatha@uochb.cas.cz

Four symposia are scheduled: Physiology and Mode of Action of Semiochemicals: Chemically Mediated Interactions Within and Among Trophic Levels; Biochemistry of Secondary Metabolites; Practical Application of Semiochemicals. Accommodations in hotel or dormitory are available.

Registration is on Sunday, August 18th from 12:00-19:00 at the Hotel Krystal. The Executive Committee and the Councilors also will meet on Sunday, August 18th at 16:00 in the Hotel Krystal. A post excursion to South Bohemia is available on August 23rd.

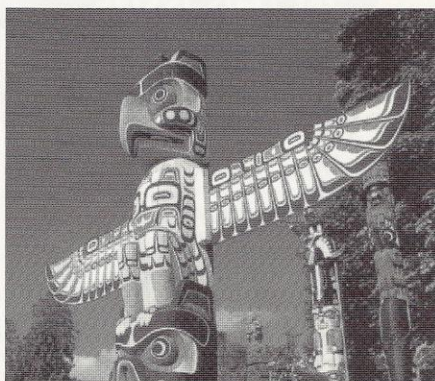


Prague, Czech Republic
August 18-22, 1996

VANCOUVER 97

The 14th annual meeting of the ISCE will be held July 13-16 in Vancouver, British Columbia, Canada. Murray Isman is the local organizer. The meeting will take place on the University of British Columbia campus. Estimated registration cost is \$200 U.S. which will cover an opening reception and a banquet. Housing will be available and estimated costs for a single with a shared bath (4 people) is \$30 per night; single with private bath is \$50; and a suite is \$80. Rooms will be available for the evening of the 12th (to facilitate the Saturday stay over required for cheaper air fares). Other housing options also will be available. A number of restaurants are present on and near the campus, and participants will be free to make their own arrangements. The scientific program is in the embryonic stage, but will have some form by the Prague meeting. A program committee using people from various universities and government laboratories in the area is being formed. Suggestions for symposium topics are welcomed.

Dr. Isman's e-mail address is: isman@unixg.ubc.ca



UPCOMING MEETINGS

Plant Growth Regulation Society of America. 23rd Annual Meeting, Calgary, Canada, July 14-18, 1996.

Held in conjunction with the Japanese Society for the Chemical Regulation of Plants. Symposia on "Brassinosteroids" and "Commercial Uses of Plant Growth Regulators".

Contact: Tim Davis, Program Chair,
Texas A&M University Research and Extension Center,
17360 Coit Rd., Dallas, TX 75252-6599.
Phone: 214-231-5362; e-mail: t-davis5@tamuedu

First World Congress on Allelopathy: A Science for the Future. Cadiz, Spain, September 16-20, 1996.

Contact: Dr. Juan Carlos G. Galindo, Treasurer of the Congress, Department of Organic Chemistry, Apartado 40, 11510 Puerto Real, Spain. Phone: 34-56-830217; Fax: 34-56-834924.

Principles Regulating Biosynthesis and Storage of Secondary Products. Halle, Germany. 26-28 September, 1996. European Society of Phytochemistry.

Contact: Prof. Dr. Beate Dietrich, Universitat Halle-Wittenberg, Institut für Pharmazeutische Biologie, Weinbergweg 15, D-06120, Halle, Germany.

International Symposium on Forest and Environment. Nanjing, China, November 4-6, 1996.

Contact: Mr. Li Rongsheng, Secretariat, ISFE, Nanjing Forestry University, Nanjing 210037, People's Republic of China. Fax: 86 25 541 2500.

Fourth International Conference on the Biochemistry of Trace Elements. Berkeley, California, USA. 23-26 June, 1997. Soil Science Society of America. Contact:

Dr. L.K. Iskandar, U.S. Army Cold Regions Research & Engineering Lab, 72, Lyme Road, Hanover, NH 03775. Phone: 603-646-4198; Fax 603-646-4561; E-mail: iskandar@crrel.usace.army.mil

Phytochemical Society of Europe and Phytochemical Society of North America. Noordwijkerhout, The Netherlands 20-24 April, 1997. Communication of plants with the environment.

Contact: Prof. Rob Verpoorte, Gorlaeus Laboratories, Leiden University, P.O.B. 9502, Einsteinweg 55, 2300 RA Leiden, The Netherlands. Phone: 31-71-5274528; Fax: 31-71-5274277; E-mail: verpoort@chem.leidenuniv.nl

NEW BOOKS



The revised and expanded Handbook of Thin-Layer Chromatography, edited by Joseph Sherman and Bernard Fried of Lafayette College, Easton, Pennsylvania, has been published by Marcel Dekker, Inc. Written by over 40 internationally acclaimed authorities on TLC, this comprehensive second edition presents the latest techniques, instrumentation, and applications of over pressurized, rotational, and high-performance quantitative TLC. Offering a systematic approach, the Second Edition contains new practical information on the detection, identification, and documentation of chromatograph zones... optical quantitation... flame ionization detection... automation and robotics... and nucleic acid derivatives. It contains more than 3150 citations and over 800 drawings, photographs, tables, and equations. The book has 1128 pages and costs \$225 US. Professor Fried is a Life member of ISCE.

The Toxic Action of Marine and Terrestrial Alkaloids, edited by Murray Blum has been published by Alaken, Inc., Fort Collins, CO. Written by 15 experts, the book emphasizes the toxic action of alkaloids from diverse sources such as marine, plant, and animal tissue. The purpose of the volume is to focus on recent developments in both the toxicology and chemistry of candidate alkaloids. It presents a broad range of topics that should appeal to investigators with interests in this class of compounds. The book has 327 pages and costs \$90 US.

POSITIONS AVAILABLE

Three one year post-doctoral positions available in Japan. Looking for molecular biologist/synthetic organic chemist/entomologist/chemical ecologist to participate in project "Development of Biorational Strategies for Pest Control based on Insect Chemical Communication". Positions are funded by the Science and Technology (STA) of Japan. These are one year positions with possibility of extension to two years.

Send resume to: Walter S. Leal, Head, Laboratory of Chemical Prospecting, National Institute of Sericultural and Entomological Science, University of Tsukuba, Ibaraki 305, Japan.
Phone: 81-298-38-6231; Fax: 81-298-38-6026;
E-mail: leal@nises.affrc.go.jp

1996 ISCE BALLOT

ISCE Vice President

James H. Tumlinson

Other _____

CANDIDATE FOR VICE-PRESIDENT

JAMES H. TUMLINSON

Dr. Tumlinson is the Supervisory Chemist/Research Leader of the United States Department of Agriculture

Insect Attractants, Behavior and Basic Biology Research Laboratory at Gainesville, Florida, USA. He is also an Adjunct Professor and member of the Doctoral Faculty of the University of Florida, Institute of Food and Agriculture (IFAS), Department of Entomology & Nematology, and Department of Chemistry. His field of specialization is insect chemical communication and chemical ecology - specifically, defining chemical communication systems, including pheromones and other semiochemicals that mediate insect-insect and plant-insect interactions; biosynthesis of pheromones and plant chemical signals; insect behavior, including learning mediated by semiochemicals. Emphasis is on developing fundamental knowledge and principles that can be applied in environmentally safe pest management programs.



Jim holds a B.S. degree in chemistry from Virginia Military Institute, an M.S. and Ph.D. in Organic Chemistry from Mississippi State University. He has produced over 215 publications and patents, has presented papers on pheromones and other semiochemicals in 15 National and International Conferences in the past 5 years, and is a member of the editorial boards of the Journal of Chemical Ecology and Biological Control. He has served on a number of fact-finding panels sponsored by the National Academy of Science and the National Science Foundation, and has participated in many multi-national workshops in such countries as Japan, Russia, the United States, and The Netherlands.

He has received a number of Honors including: the USDA Award for Superior Service; the Florida Entomological Society Annual Research Award; the J.E. Bussart Memorial Award from the Entomological Society of America for research accomplishments; the Burdick and Jackson International Award for Research in Pesticide Chemistry from the Agrochemicals Division of the American Chemical Society; and the ARS Award for outstanding research. He is a long-time member of the ISCE.



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