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**INSIDE AOCS**


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Schmutz, D. Shah, J.M. Snyder, C.R. Somerville, F. Spener, M.D. Stern, D. Sweigart, G.J. Toeneboehn, R. Varadaraj, J.R. Varvll, P.W. Waldroup, J.C. Weigel, J.D. Wendel and P. White.

## Ohio Valley unit to meet Oct. 24

AOCS' Ohio Valley Section, formed at the 1989 AOCS national meeting, will hold its first dinner meeting Tuesday, Oct. 24, 1989, at Kings Island Inn, Kings Island, Ohio.

Three speakers are scheduled. Roy Carr, AOCS president, will discuss national AOCS activities. A

speaker, yet to be selected at press time, will present the history of fats and oils and detergents in the Ohio Valley. Don Deming will close the program with tales of the steamboat era in the Cincinnati region.

The meeting will begin with cocktails at 5:30 p.m. "This meeting will provide a social gathering for our members and will set the stage for future technical programs by providing a history of fats and oils in the area," Phillip Bross, a section officer, said.

For further information, or to make reservations, call Howard Creinin, secretary, at 513-242-2310.

## Obituary

**ILLONA TAUSSKY**

Dr. Illona Taussky, an AOCS mem-

ber since 1973, died July 22, 1989, at her home in New York of cancer. She was 86 years old.

Dr. Taussky had been an independent consultant since moving to the United States from Europe during the 1930s Depression. Her father, Julius, had developed citric acid treatment of vegetable oils as a means to chelate trace metals during processing. She came to the United States after his death. Dr. Taussky held several patents. She attended the 1989 AOCS annual meeting in Cincinnati this past May.

She is survived by a sister, Olga Taussky Todd, in California.

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# Use of aflatoxin kits proposed

John McKinney, chairman of the AOCS Smalley Aflatoxin Series, has recommended that the methodology currently employed in the analysis of Smalley aflatoxin samples be expanded to include the use of immunoassay test kits. The addition would become effective in August, 1990, beginning with the 1990-1991 Smalley Program year.

Currently, the Smalley Aflatoxin Series includes samples of cottonseed meal, peanut meal and corn meal (to be analyzed for aflatoxins B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub> and G<sub>2</sub>), and milk samples to be analyzed for aflatoxin M<sub>1</sub>. Each of the four sample categories includes eight samples per year (August through February). Participants may elect to receive samples from one or any number of the four categories. Under the present regulations, if analysts are to be considered for Smalley awards, aflatoxin analysis must be performed using either official AOAC or official AOCS test methods. Beginning

with the 1990 Program year, aflatoxin results based on test kit methodology also will qualify analysts to be considered for Smalley awards. For QA/QC purposes, reports issued to the participants will show the combined results obtained using the test kit methodology as well as the conventional methodology. For more information, potential participants should contact either AOCS Smalley Clerk Sandra Burr at AOCS headquarters, or John McKinney, AOCS Smalley Aflatoxin Committee Chairman, PO Box 2596, Fresno, CA 93745, phone (209) 237-1774.

AOAC's Division of Contaminants Chemistry has recommended that AOAC adopt as official first action (first step toward adoption as an approved method) the use of an enzyme-linked immunosorbent assay (ELISA) for screening aflatoxin B<sub>1</sub>, B<sub>2</sub> and G<sub>1</sub> contamination at 20 ng/g or more in cottonseed and peanut butter and at 30 ng/g



or more in corn and raw peanuts.

**Fat & oil related reference samples**  
The AOCS Smalley Committee will be offering an expanded list of fat and oil related secondary reference samples, beginning in either late 1989 or early 1990. These samples will be representative of Smalley samples that have undergone extensive analyses during the Smalley Program year. These samples will be offered at a price of \$25 each, plus postage. After taking

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into consideration stability problems during storage and shipping, as well as the additional storage space required, the Committee will be offering the following reference samples:

### Oilseed meals:

Peanut  
Solvent soybean  
Expeller cottonseed  
Solvent coconut  
Safflower  
Rapeseed

### Oilseeds:

Cottonseed  
Soybeans

Peanuts  
Safflower  
Canola  
Sunflower  
Cellulose yield  
Palm Oil  
Edible fats  
Tallow & Grease  
NIOP fats & oils  
Gas chromatography:  
Fatty acid profile  
Aflatoxins:  
Cottonseed meal  
Peanut meal  
Corn meal  
Corn gluten feed

### Marine products:

Fish meal  
Fish solubles  
Fish oils

Samples will be supplied with a list of averages and standard deviations for the various analytical parameters for which they are analyzed (the same parameters required in the Smalley Program). For information regarding the Smalley Reference Sample Program, contact the AOCS Technical Department (either Ms. Toni Hogenson or David Berner) at AOCS headquarters, Champaign, Illinois.

## PUBLICATIONS

### Book review

**Troubleshooting HPLC Systems**, by John W. Dolan and Lloyd R. Snyder (The Humana Press Inc., PO Box 2148, Clifton, NJ 07015, 1989, 524 pp., \$65 for US orders, \$75 elsewhere).

In these days of watching the research budget, many industrial and academic laboratories are keeping their analytical equipment for longer periods of time. Troubleshooting HPLC systems, therefore, is a valuable asset to any laboratory because it helps prolong equipment life, saves money on service calls and allows the researcher to obtain more reliable results with a minimum of down-time.

This book allows us to do all of these things and is a good volume to have in the laboratory if you use HPLC. Chapter titles are an indication of the help that is available in this book. Subjects include logical approaches to troubleshooting, separation basics, principles of troubleshooting, prevention and problems, reservoirs and degassing, pumps, tubing, fittings, injectors and autosamplers, columns, detectors, recorders and data systems. Other chapters deal with separation and quantitation problems.

As described by the authors, this book is indeed "an expert at your fingertips." I would highly recommend it for anyone involved with high performance liquid chromatography.

E.G. Perkins  
University of Illinois  
Urbana, IL

### New books

From the Japan Oil Chemists' Society, 7th Floor, Yushi Kogyo Kaikan, 13-11, Nihonbashi 3-chome, Chuo-ku, Tokyo 103, Japan:

**Proceedings of Session Lectures and Scientific Presentations on ISF-JOCS World Congress**, two-volume set, 1,325 pages, softbound, 1989, ISBN 4-931249-01-9, 10,000 Japanese yen (includes surface mail); bank transfer or draft to: The Daiichi Kangyo Bank, Showadori Branch, 12-2 Nihonbashi 3-chomes, Chuo-ku, Tokyo 103, for Japan Oil Chemists' Society Account # 033-1-092-347. Contains session lectures and scientific presentations from the Sept. 26-30, 1988, meeting in Tokyo.

From Lipidforum:

**Proceedings of the 15th Scandinavian Symposium on Lipids**,

held June 11-15, 1989, in Reblid Bakker, Denmark, US\$40 a copy; available October 1989. Contact: V.K.S. Shukla, Aarhus Oliefabrik A/S, PO Box 50, DK-8100 Aarhus C., Denmark (telephone 86 12 60 00; telefax: 86 19 62 52).

From Plenum Press, 233 Spring St., New York, NY 10013, USA:

**Dietary Omega-3 and Omega-6 Fatty Acids: Biological Effects and Nutritional Essentiality**, edited by C. Galli and A.P. Simopoulos, ISBN 0-306-43231-5, \$95 in U.S. and Canada, \$114 elsewhere. Contains proceedings of NATO Advanced Research Workshop held in Belgrate, Italy, during 1988.

From Association of Official Analytical Chemists (AOAC), Suite 400, 2200 Wilson Blvd., Arlington, VA 22201-3301:

**Official Methods of Analysis of the AOAC**, edited by Kenneth Helrich; ISBN 0-935584-42-0; two volumes, 8.5 x 11, hardbound (expected publication date: January 1990), \$215 in U.S., \$220 elsewhere (discount available to AOAC members).