

Calendar

AOCS NATIONAL MEETINGS

Annual Meeting, May 8-12, 1988, Hilton and Hyatt Hotels, Phoenix, Arizona.

Annual Meeting, May 3-7, 1989, Convention Center, Cincinnati, Ohio.

AOCS WORLD CONFERENCES

World Conference on Biotechnology for the Fats and Oils Industry, Sept. 27-Oct. 2, 1987, Hamburg, West Germany.

Production, Processing and Uses of Jojoba (7th International Conference on Jojoba), sponsored by AOCS and the Jojoba Growers Association, Jan. 17-22, 1988, Phoenix, Arizona.

World Conference on the Utilization of Vegetable Proteins in Human Foods and Animal Feedstuffs, Oct. 2-7, 1988, Singapore.

AOCS SHORT COURSES

Short Course on Introduction to

Fats and Oils Technology, May 4-7, 1988, Phoenix, Arizona.

Short Course on Lecithins: Sources, Manufacture and Uses, May 4-7, 1988, Phoenix, Arizona.

1987

October

Conference, Designing a Sanitation Program for the Food Industry, Oct. 1-2, 1987, The Pennsylvania State University, University Park, Pennsylvania. Contact: Agricultural Conference Coordinator, 409 J.O. Keller Building, University Park, PA 16802.

Supercritical Fluid Chromatography Symposium '87, Oct. 1-2, 1987, The Hyatt Pittsburgh, Pittsburgh, Pennsylvania. Contact: Anne Warner, SFC Symposium '87, SACP, 12 Federal Dr., Suite 322, Pittsburgh, PA 15235.

14th Annual Meeting of the Federation of Analytical Chemistry and Spectroscopy, Oct. 4-9, 1987,

(Continued on page 1306)

On the Cover

The cover photograph, provided courtesy of Sungene Technologies Corp., Palo Alto, California, shows sunflowerseed plants regenerated through tissue culture. Biotechnology for the fats and oils industry will be the focus for the world conference slated Sept. 27-Oct. 2, 1987, in Hamburg, West Germany. Inside, beginning on page 1221, an article written by *JAOCs* newswriter Anna Gillis examines biotechnological developments in the industry. Also included in this issue are abstracts of the technical talks and posters to be presented at the world conference.

JAOCs

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New Products

measurement system to another and scientific physical constants. Equivalencies are grouped by category. The software can be called from within a database, spreadsheet or other software, and numbers can be moved to any application program. The program runs on IBM-compatible microcomputers and occupies 80K of memory. Contact: Plies Development Corp., 2110 Crystal Hills, Houston, TX 77077.

SHORTENING PRODUCTION

The Perfector Swept surface heat exchanger by Gerstenberg & Agger allows industrial bakeries to have in-house shortening production to meet specific baking needs. The system uses intermediate crystallizers which can be changed for each type of shortening or margarine desired to allow proper kneading and resting time to obtain specific textures. The plants have capacities of 1,000-40,000 pounds per hour for shortening and industrial margarine; puff pastry margarine production ranges from 600-9,000 pounds per hour. Contact: Len E. Ivarson Inc., PO Box 23335, Milwaukee, WI 53223, or Gerstenberg & Agger A/S,

Frydendalsvej 19, DK-1809, Frederiksberg C, Copenhagen, Denmark.

HPLC DETECTOR

Milton Roy has introduced the SpectroMonitor 3100 variable wavelength detector for high performance liquid chromatography (HPLC). Features include: 2.0 AUFS to 0.001 AUFS; absorbance measurement in the whole UV-visible light range; a high pressure (1,000 psi) fluid cell; autozeroing, and digital diagnostics. Contact: Milton Roy LDC Division, PO Box 10235, Riviera Beach, FL 33404.

FILTER GAUGE

Orange Research Inc. has available differential pressure filter gauges that indicate when filter units must be cleaned or replaced by measuring pressure drops across filtration media. The instruments come in pressure ranges from 1 inch of water in a 125 psig system to 1 pound in a 5,000 psig system. Weather- and explosion-proof enclosures, special bypass designs, choice of construction materials, and custom designs and mountings also are available. Contact: Orange

Research Inc., 140 Cascade Blvd., Milford, CT 06460.

TITRATOR

The Schott single endpoint titrator from Tekmar has six delivery rates available with two memories for preprogrammed titration or dosing volumes. The TR85 titrator, when used in conjunction with the T80 burette, will control automatic endpoint titrations. The titrator is designed to eliminate overshoot by slowing titrant delivery as the endpoint is approached. Contact: Tekmar, PO Box 371856, Cincinnati, Ohio 45222-1856.

SEPTA

Septa 77 from Chemical Research Supplies are designed to cut down on septum bleeding in gas chromatography. The upper temperature limit for the septa is 400 C, but varies with instrument configuration. According to the company, the molded silicone septa will not bleed, are easy to penetrate and are resealable after hundreds of uses. Contact: Chemical Research Supplies, Div. of L.C. Co. Inc., PO Box 888, Addison, IL 60101.

Calendar

(continued from page 1220)

Detroit, Michigan. Contact: Dr. Stephen J. Swarin, Publicity Chairman, Analytical Chemistry Department, General Motors Research Labs, Warren, MI 48090-9055.

1987 Annual Meeting and Paint Industries' Show, Federation of Societies for Coatings Technology, Oct. 5-7, 1987, Convention Center, Dallas, Texas. Details: Federation of Societies for Coatings Technology, 1315 Walnut St., Philadelphia, PA 19107.

Symposium on Biotechnology and Food Industry, Oct. 5-9, 1987, Budapest, Hungary. Contact: Symposium Secretariat, Hungarian Scientific Society for Food Industry (METE), H-1361 Budapest pf.5, Hungary.

Northeast AOCs Section Meeting, Oct. 6, 1987, Nassau Inn, Princeton, New Jersey. Topic: New Oils, Jojoba/Rapeseed. Contact: Anthony Montana, telephone 201-267-1000.

Food Packaging, American Association of Cereal Chemists (AACC) Short Course, Oct. 6-7, 1987, Minneapolis, Minnesota. Contact: Dotty Ginsburg, AACC Short Course Coordinator, 3340 Pilot Knob Rd., St. Paul, MN 55121, telephone 612-454-7250.

2nd Annual Meeting, Canadian Section of AOCs, Oct. 7-8, 1987, University of Manitoba, Winnipeg, Manitoba, Canada. Details: Bruce E. MacDonald, Local Arrangements Chairperson, CAOCs Meeting, Department of Foods and Nutrition, University of Manitoba, Winnipeg,

Manitoba, Canada R3T 2N2. Conference, Health Effects of Omega-3 Fatty Acids: Fish Oils and Other Sources, Oct. 8, 1987, Kresge Auditorium, Massachusetts Institute of Technology, Cambridge, Massachusetts. Contact: Madeleine Hall-Arber, MIT Sea Grant, Bldg. E38-374, 292 Main St., Cambridge, MA 02142.

Eastern Food Science Conference, Food Technology for a Dynamic Marketplace, sponsored by the Institute of Food Technologists, Oct. 11-14, 1987, Hershey Lodge and Convention Center, Hershey, Pennsylvania. Contact: Arthur Steir, 12924 Dean Rd., Wheaton, MD 20906.

International Forum on Drug Research, Inter-Med 87, Oct. 12-15, 1987, Bordeaux, France. Contact: Inter-Med, 12 place de

la Bourse, 33076 Bordeaux, Cedex, France.

Sensory Methodology for Vegetable Oils Workshop, Oct. 20-21, 1987, U.S. Department of Agriculture's Northern Regional Research Center, Peoria, Illinois. Contact: Kathleen Warner, Food Technologist, Northern Regional Research Center, 1815 N. University St., Peoria, IL 61604.

ASFILAB-AOAC Joint Symposium on Advanced Techniques for Vitamin and Microbiological Determinations in Food, Feed and Agriculture, Oct. 20-21, 1987, Neuilly-sur-Seine, France. Contact: Brigitte Karleskind, Communication Karleskind, 138, bd Magenta, 75010 Paris, France.

American Soybean Association Brussels' Yearly Outlook Conference on Soybeans and Soybean Products, Oct. 20-21, 1987, Heathrow Penta Hotel, London, England. Information: American Soybean Association, Centre International Rogier, Box 521, 1210 Brussels, Belgium.

Chevreur Meeting, Association Française pour L'Étude des Corps Gras (AFECG) Oct. 22-23, 1987, Perpignan, France. Theme will be "Virgin Oils and New Oils: Use in Food, Dietetics, Cosmetics and Pharmaceuticals." Contact: J.P. Lang, AFECG, 10A rue de la Paix, 75002 Paris, France.

National Renderers Association Convention, Oct. 27-Nov. 1, 1987, Ritz Carlton, Naples, Florida. Contact: National Renderers Association, 2250 E. Devon Ave., Des Plaines, Illinois 60018.

International Lecithin Study Group meeting, Oct. 28-29, 1987, Venice, Italy. Contact: Tom Watkins, P.O. Box 2568, New York, NY 10009, USA.

1987 Pacific Conference on Chemistry and Spectroscopy, Oct. 28-30, 1987, The Irvine Hilton Hotel, Irvine, California. Contact: Don Frankel, Dana Scientific, telephone 714-364-0492, Robert Belloli, Cal State, Fullerton, telephone 714-773-3621.

Short course, Fats and Oils, Oct. 31, 1987, Opryland Hotel, Nashville, Tennessee, sponsored by

the American Association of Cereal Chemists (AACC). Details: Dotty Ginsburg, AACC Short Course Coordinator, 3340 Pilot Knob Rd., St. Paul, MN 55121.

November

72nd annual meeting, American Association of Cereal Chemists, Nov. 1-5, 1987, Opryland Hotel, Nashville, Tennessee. Contact: American Association of Cereal Chemists, 3340 Pilot Knob Rd., St. Paul, MN 55121.

7th International Symposium on High Performance Liquid Chromatography of Proteins, Peptides and Polynucleotides, Nov. 2-4, 1987, Grand Hyatt, Washington, D.C. Contact: Shirley Schlesinger, Symposium Manager, 7th International Symposium on HPLC Proteins, Peptides and Polynucleotides, 400 E. Randolph, Chicago, IL 60601.

1987 Annual Meeting and Conference on Biotechnology, American Institute of Chemical Engineers (AIChE), Nov. 15-20, 1987, New York City, New York. Annual meeting at the New York Hilton, Conference on Biotechnology at the Sheraton. Contact: Marie Stewart, Staff Director, Meetings and Expositions, AIChE, 345 E. 47th St., New York, NY 10017.

International Symposium on New Technology of Vegetable Proteins, Oils and Starch Processing, Nov. 16-20, 1987, Beijing, China. Contact: Fu Li Min, Vice-Chairman and Secretary General, Chinese Cereals and Oils Association, Ministry of Commerce Bldg., 45 Fu Xing Men Nei Da Jie, Beijing, People's Republic of China, or Prof. Dr.-Ing. Friedrich Meuser, Institute of Food Technology, Technical University of Berlin, Sekr. GV 1, Seestrasse 11, D-1000 Berlin 65, Federal Republic of Germany.

Edible Oils and Fats Course, Nov. 17-19, 1987, Leatherhead Food R.A., Leatherhead, Surrey, England. Contact: Mrs. G.M. Mathias, Training Course Administrator, Leatherhead Food R.A., Randalls Road, Leather-

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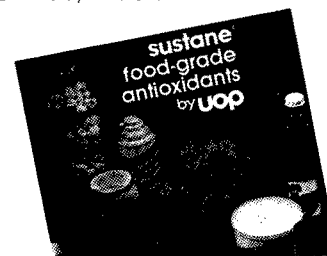
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head, Surrey, KT22 7RY, England.

Functional Uses of Proteins Course, Nov. 24-25, 1987, Leatherhead Food R.A., Leatherhead, Surrey, England. Contact: Mrs. G.M. Mathias, Training Course Administrator, Leatherhead Food R.A., Randalls Road, Leatherhead, Surrey, KT22 7RY, England.

December

Biotechnology and the Food Industry—New Developments in Biotechnology Meeting the Challenges of the Food Industry, Dec. 10-11, 1987, Kensington Rainbow Suite, London, England. Details: Conference Secretariat, Society of Chemical Industry, 14/15 Belgrave Square, London SW1X 8PS, England.

1988

Separation Science and Biotechnology Seminar, presented by the Washington Chromatography Discussion Group, Jan. 19-21, 1988, Ft. Lauderdale, Florida. Details: Mrs. Janet Cunningham, Barr Enterprises, PO Box 279, Walkersville, MD 21793.

Annual meeting, Food Processing Machinery & Supplies Association, Feb. 5-10, 1988, Buena Vista Hotel, Orlando, Florida. Contact: Food Processing Machinery & Supplies Association, 200 Daingerfield Rd., Alexandria, VA 22314, USA.

1988 Mississippi Valley Oilseed Processors Association Annual Oilseed Processing Clinic, March 14-15, 1988, Monteleone Hotel, New Orleans, Louisiana. Details: Wayne E. Marshall, USDA/ARS, 1100 Robert E. Lee Blvd., PO Box 19687, New Orleans, LA 70179.

International conference on Diet, Lipids and Cancer (Metabolism, Membranes, Mechanisms), May 22-26, 1988, Yulara-Ayers Rock, Northern Territory, Australia. Contact: Dr. John R. Sabine, Department of Animal Sciences, Waite Agricultural Research Institute, Glen Osmond, South Australia 5064, Australia.

World Surfactants Congress II, May 24-27, 1988, Paris, France. Organized by ASPA, France; sponsored by the European Committee on Organic Surfactants and Their Intermediates, Avenue Louise 250, Bte. 102; B-1050 Brussels, Belgium.

63rd World Congress of the International Association of Seed Crushers, June 7-10, 1988, Hyatt Regency and Hotel Vancouver, Vancouver, British Columbia, Canada. Contact: Secretariat, Suite 801, 750 Jervis St., Vancouver, B.C., Canada V6E 2A9, telephone 604-681-5226, telex 04-352848 VCR.

8th International Symposium on the Biological Role of Plant Lipids, July 25-28, 1988, Budapest, Hungary. Details: Tardyné Lengyel Márta, Central Food Research Institute, Budapest, Herman Ottó ut 15, H-1022, Hungary.

Twelfth International Sunflower Conference, sponsored by the Yugoslav Association of Producers of Plant Oils and Fats and Yugoslav government entities, July 25-29, 1988, Novi Sad, Yugoslavia. Contact: Institute of Field and Vegetable Crops, M. Gorkog 30, 21000 Novi Sad, Yugoslavia.

Scientific Congress on Proteins in Food and Nutrition, Sept. 8-9, 1988, Vienna, Austria. Contact: Secretariat of the Scientific Congress on Proteins in Food and Nutrition, c/o Vienna Medical Academy, Alsterstrasse 4, A-1090 Vienna, Austria.

2nd International Symposium on Lipid Metabolism in the Normoxic and Ischemic Heart, Sept. 12-13, 1988, University of Limburg, Maastricht, The Netherlands. Contact: G.J. Van der Vusse, Department of Physiology, University of Limburg, PO Box 616, 6200 MD Maastricht, The Netherlands.

Cosmetic Science '88—Achievements and Aims, 15th International Congress of the International Federation of Societies of Cosmetic Chemists, Sept. 26-29, 1988 Grosvenor House, Park Lane, London, England. Contact: Society of Cosmetic Scientists, Delaport House, 57 Guildford St., Luton, Beds LU1 2NL, England.

ISF-JOCS World Congress 1988, Sept. 26-30, 1988, Tokyo, Japan. Contact: ISF-JOCS World Congress 1988, Secretariat, The Japan Oil Chemists' Society, 7th floor, Yushi Kogyo Kaikan, 13-11 Nihonbashi 3-chome, Chuoku, Tokyo 103, Japan.

1989

Fats for the Future II, international conference on oils, fats and waxes, Feb. 12-16, 1989, Auckland, New Zealand. Contact: Jennifer Gray, Conference Secretary, 1989 Oils and Fats Conference, c/o Chemistry Department, University of Auckland, Private Bag, Auckland, New Zealand.

First Congress Eurolipid, international congress marking the centenary of the death of Michael Eugene Chevreul, May-June 1989 (exact date to be announced), Angers, France. Information: French Association for the Study of Fats (AFECG), 10A, rue de la Paix, 75002 Paris, France.