

AOCS Conference on Dietary Fats and Health

Speakers announced

An international array of approximately 60 speakers for the Conference on Dietary Fats and Health has been announced by the conference chairmen, Drs. Edward G. Perkins, Department of Food Science, and Willard J. Visek, Schools of Basic Medical Sciences and Clinical Medicine, both of the University of Illinois at Urbana.

The conference will be held Dec. 6-11, 1981, at the Conrad Hilton Hotel in Chicago. Its purpose is to provide an objective forum to discuss and to review current knowledge relative to the role of fats in nutrition, health and disease, as well as to promote dialog and understanding among all interested persons. A useful exchange of information among representatives of academia, government, health care professions, and industry is sought. The conference also will seek to identify areas in which future research, information and education programs are needed.

Registration materials are available from the American Oil Chemists' Society, 508 S. Sixth St., Champaign, IL 61820, USA.

Each day of the conference will be devoted to a specific aspect of the overall subject, with plenary lectures, sub-plenary sessions, and at least two hours each day of in-

formal discussion to provide registrants a chance to question the speakers or to comment on the day's presentation.

Participating organizations in the conference include: American Dietetic Association, American Health Foundation, American Institute of Nutrition, American Medical Association, American Oil Chemists' Society, American Soybean Association, The Hormel Institute (University of Minnesota), Institute of Food Technologists, National Dairy Council, National Heart, Lung and Blood Institute (National Institutes of Health), The Nutrition Foundation, and the USDA Human Nutrition Agency.

Plenary talks will be published in a post-conference monograph that will be distributed to all registrants.

One of the prime reasons for the conference is to provide an objective forum to discuss current knowledge about dietary fats. While the conference is not designed to produce new dietary suggestions, it is hoped that the dialog established will help identify what areas deserve priority study to aid in determining future guidelines for consumers.

Registered members of the American Dietetic Association can receive up to 37 hours' continuing education credit for the conference. Continuing education accreditation for American Medical Association members is being sought.

TENTATIVE PROGRAM

MONDAY, DEC. 7

BASIC OVERVIEW OF FAT CHEMISTRY AND TECHNOLOGY

Chairmen: H.J. Dutton, The Hormel Institute, and R. Ohlson, A.B. Karlshamns Oljefabriker

Sources, Chemistry and Processing of Oils and Fats

Frank Norris, consultant, USA

Consumption and Composition of Fats

Robert L. Rizek, USDA Consumer Nutrition Center, USA

Structure and Physical Properties of Fats

Ragnar Ohlson, A.B. Karlshamns Oljefabriker, Sweden

Hydrogenation of Fats

Robert C. Hastert, Harshaw Chemical Co., USA

Lipid Stability and Deterioration

G. Billek, Unilever Forschungsgesellschaft mbH, West

Germany

Panel discussion of above speakers

Basic Methodology

Gas Chromatography (Packed and Capillary)

Hal Slover, USDA Nutrition Research Institute, USA

Thin Layer Chromatography

H.K. Mangold, Federal Center for Lipid Research, West Germany

Crystallography of Fats

Ulf Persmark, A.B. Karlshamns Oljefabriker, Sweden

GC-MS of Lipids

George Waller, University of Oklahoma, USA

HPLC of Lipids

E.G. Perkins, University of Illinois, USA

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Meetings

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Chemical Methods

H.J. Dutton, The Hormel Institute, USA

Nuclear Magnetic Resonance

Phil Pfeffer, USDA Eastern Regional Research Center, USA

Round table discussions to follow

TUESDAY, DEC. 8

ROLE OF FATS IN NUTRITION

Chairpersons: Joyce Beare-Rogers, Health and Welfare Canada, and J.J. Gottenbos, Unilever Research, The Netherlands

Nutritional and Physiological Role of Fats

Fred Mattson, University of California—San Diego, USA

Essential Fatty Acid Deficiencies in Man

Ralph Holman, The Hormel Institute, USA

Prostaglandins

W.E.M. Lands, University of Illinois Medical Center, USA

Cholesterol Metabolism

Erwin H. Mosbach, Beth Israel Medical Center, USA

Lipids in Pre- and Post-Natal Development

Claudio Galli, University of Milan, Italy

Supplementary Session A

Chairpersons: Drs. Beare-Rogers and Gottenbos

Isomeric Fats

Edward A. Emken, USDA Northern Regional Research Center, USA

Tissue Distribution of Isomeric Fats: Animal Tissue

Randall Wood, Texas A&M University, USA

Tissue Distribution of Isomeric Fats: Human Tissue

John Ohlroge, USDA Northern Regional Research Center, USA

Nutritional Effects of Isomeric Fats

J. Gottenbos, Unilever Research, The Netherlands

F. Kummerow, University of Illinois, USA

D. Kritchevsky, The Wistar Institute, USA

T. Applewhite, Kraft Inc., USA

Supplementary Session B

Chairman: Elwood Speckmann, National Dairy Council, USA

Vitamin A

James A. Olson, Iowa State University, USA

Vitamin D

Hector F. DeLuca, University of Wisconsin, USA

Vitamin K

John W. Suttie, University of Wisconsin, USA

Vitamin E

Samuel B. Tove, North Carolina State University, USA

Panel Discussion: Design of Nutritional Experiments

Round table discussions to follow

WEDNESDAY, DEC. 9

CURRENT VIEWS ON LIPIDS IN CORONARY HEART DISEASE

Chairman: David Kritchevsky, The Wistar Institute, USA

Epidemiology of Coronary Heart Disease

Lewis H. Kuller, University of Pittsburgh, USA

Lipids and Coronary Heart Disease

A.E. Harper, University of Wisconsin, USA

W.E. Connor, University of Oregon Health Science Center, USA,

G.V. Mann, Vanderbilt University, USA

Peter Herbert, Brown University, USA

Lipoproteins, Structure and Function

A. Scanu, University of Chicago, USA

Hyperlipidemia, Genetics and Environmental Factors in Coronary Heart Disease

Thomas Bersot, Gladstone Foundation, USA

ANALYSIS OF LIPOPROTEINS

Chairman: Frank T. Lindgren, University of California

Lipoprotein Fractionation

Frank T. Lindgren, University of California, USA

Apoprotein Quantitation

Peter Alaupovic, Oklahoma Medical Research Foundation, USA

Lipoprotein Lipase

Louis Smith, Baylor College of Medicine, USA

Lecithin Cholesterol Acyltransferase (LCAT)

T. Nishida, University of Illinois, USA

Round table discussions to follow

THURSDAY, DEC. 10

CURRENT RESEARCH ON LIPIDS AND CANCER

Chairmen: K.K. Carroll, University of Western Ontario, and W.J. Visek, University of Illinois

Epidemiological Evidence Associating Lipid with Cancer Causations

O.M. Jensen, Danish Cancer Registry, Denmark

The Relation of Lipids to Cancer

K.K. Carroll, University of Western Ontario, Canada

Experimental Research on Lipid Protein Interactions in Hormone Dependent Cancer

W.J. Visek, University of Illinois, USA

Experimental Research on Lipids and Intestinal Cancer

B.S. Reddy, The American Health Foundation, USA

Antioxidants and Cancer

Paul McCay, Oklahoma Medical Research Foundation, USA

Supplementary Session A

Fats, Prolactin and Mammary Cancer in Rodents

C.W. Welsch, Michigan State University, USA

Essential Fatty Acids and Mammary Tumorigenesis

S. Abraham, Oakland (California) Children's Hospital Medical Center, USA

Lipid and Hormone Profile in Various Populations

P.K. Siiteri, University of California—San Francisco, USA

Retinoids

M.B. Sporn, National Cancer Institute, USA

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Meetings

Supplementary Session B

Mutagenesis

W.R. Bruce, Ontario Cancer Institute, Canada

Intestinal Flora

M.J. Hill, Central Public Health Laboratory, England

Lipoproteins

H. Shu, University of California, USA

Cholesterol

H.A. Tyroler, University of North Carolina, USA

Round table discussions to follow

FRIDAY, DEC. 11

EMERGING RESEARCH ON DIETARY FATS AND HEALTH

Lipids and Immunity

T. Edgington, Scripps Clinic and Research Foundation, USA

Atherogenic Effects of Oxidized Cholesterol

C.B. Taylor, Albany (N.Y.) Veterans Administration Hospital

Aging

J.A. Story, Purdue University, USA

Multiple Sclerosis

B.W. Agranoff, University of Michigan, USA

Recommendations for Future Research, Education and Information Programs

Conference chairmen

Interaction of Lipids with Nutrition, Cancer and Coronary Heart Disease

D. Kritchevsky, The Wistar Institute, USA

Round table discussions to follow



73rd Annual AOCS Meeting Toronto Canada

Sheraton Centre May 2-6, 1982

Toronto, site of AOCS' 73rd annual meeting to be held May 2-6, 1982, derives its name from a Huron Indian word signifying a "place of meeting."

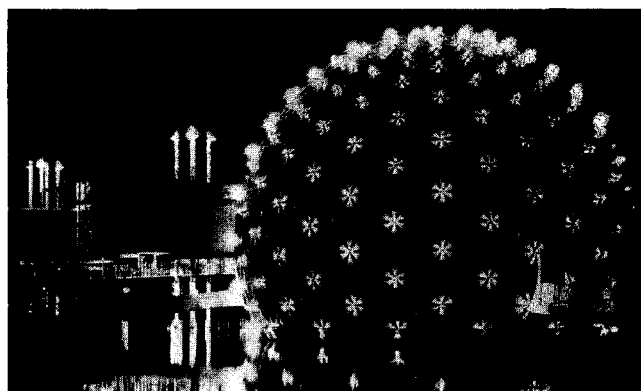
More than 1,000 persons are expected to participate. A varied technical program is being organized by J.B.M. Rattray of the Department of Chemistry at the University of Guelph. A formal call for papers will be published in the July *JAOCs*, but prospective authors should be prepared to submit their proposals by Nov. 15, 1981, to be assured of consideration for the program.

The meeting will be held at the Sheraton Centre in downtown Toronto. The hotel is a few blocks off Toronto's waterfront and within walking distance of cultural attractions, parks and shopping districts.

This will be AOCS' third meeting in Canada. The first was in Toronto in 1962; the second was in Ottawa in 1972. The initial meeting in Toronto was AOCS' first major meeting outside the United States and helped focus attention on AOCS' emerging international character. It also was the first meeting at which funds were provided to permit

selected graduate students to attend, a precedent that evolved into the current AOCS Honored Student Program.

General chairman for the meeting is Brain L. Walker, of the University of Guelph. □



The six-story movie theater Cinesphere is one attraction in Toronto's Ontario Place, a 96-acre recreation complex.

Reagan administration to be topic

The impact of the Reagan Administration on the chemical industry will be the subject of a June 15, 1981, luncheon meeting of the Chemical and Marketing Economics Group, New York Section of the American Chemical Society. The

meeting will be held at Rosoff's Restaurant, 147 W. 43rd St., with a reception at 11:30 a.m. and luncheon at 12:15 p.m. Speaker will be Sam Pickard, vice-president in the Washington office of Monsanto Company. □