

Colza and in conjunction with the German Society for Fat Science.

Italy G. Jacini

12th International ISF Congress

As previously announced, the 12th International ISF Congress (following the one held in Göteborg in 1972) will be held in Milan, Sept. 2-7, 1974.

The event is being actively organized; a preliminary program has been mailed to over 20,000 persons, while a second program is just being distributed. Currently, eight symposia are scheduled: (A) "Chemistry and Biochemistry of Molecular Species of Lipids;" (B) "Membranes: Physical Properties and Lipid Composition;" (C) "Lipases, Lipoxigenases, and Phospholipases;" (D) "New Trends in Technology of Edible Fats;" (E) "Lipids in Foodstuffs;" (F) "Active Surface Agents;" (G) "New Developments in Analytical Methods;" and (H) "Olive Oil." Five round table discussions will be held: (A) "Newly Discovered Lipids," (B) "Flavors," (C) "Lipids in Cosmetics and Drugs," (D) "Economic Trends in Edible Fats," and (E) "New Trends in Margarine and Hydrogenated Fats." Four plenary meetings also have been planned. These are: (A) "Regulation of

Fatty Acid Synthesis," (B) "Problems in Lipid Research," (C) "Problems in Olive Oil Research," and (D) "Some Aspects of Bacterial Lipids."

For additional information on the Congress, please contact: 12th ISF Congress, Secretarial Office, c/o Stazione Sperimentale Oli e Grassi, Via Giuseppe Colombo 79, 20133 Milano, Italy.

International award for surface-active agents chemistry

The 12th ISF Congress, which will be held in Milan, Italy, Sept. 2-7, 1974, has prompted Societa' Italiana Tensiochimica Industriale to sponsor a 3 million lire (ca. \$4,600) International Award for the best paper published since Jan. 1, 1973, on a subject relating to surface-active agents (chemistry, physicochemistry, microbiology, technology, etc.).

International Convention on Vegetable Proteins for Human Nutrition

The above mentioned Convention, sponsored by the Italian Oil Chemists' Society and by the Italian Society for the Advancement of Agricultural Food Industries was held in Mantua (Lombardy) on October 3-4, 1973, with the cooperation of Mantua's Chamber of Commerce.

The following papers were submitted: "Preliminary Considerations on the Problems of Production and Utilization of Nonconventional Proteins for Human Nutrition," C. Cantarelli, Milan University, Food Technology Institute; "Nonconventional Proteins for Nutrition—Leaf Proteins," J. Hollo, Budapest Technical University, Institute of Chemical Agricultural Technology; "Nonconventional Proteins for Human Nutrition: Oily Seed Proteins," T. Staron, Vegetable Pathology Research Center; "Seaweed Proteins for Nutritional Use," G. Florenzano, Florence University, Institute of Agrarian and Technical Microbiology; "The Safety Evaluation of Yeast Grown on Pure Normal Alkanes," A.P. Groot, C.I.V.O.-T.N.O.; "Nutritional Requisites of Nonconventional Vegetable Proteins," L. Cioffi, Naples University, Institute of Human Physiology; "Antithyroidal Substances Contained in Rape Seeds within the Frame of Protein Production," A. Lanzani and M.C. Petrini, Oils and Fats Research Center; "Methionine Determination in Protein Materials," A. Mondino and G. Bonviovanni, A. Marxer Biomedical Research Institute; "Soybean Protein Determination in Meat-base Products: Experiences with Parson-Lawrie's Electrophoretic Method," F. Tateo; "Soybean Protein Purification by Ultrafiltration-Diafiltration," C. Pompei, Milan University, Food Technology Institute; "Soybean, a Complete Food: Appreciations and Idiosyncrasies. When Will Italy Start Growing Soybean?" L. Arenti, Chimialtec S.p.A.; "Grass Proteins," G. Anelli and C. Galoppini, Pisa University, Agrarian Industry Institute; "Biological Value of Cashew Germ Proteins," G. Piana, G. Piva, and E. Santi, Piacenza Catholic University, Agrarian Institute.

A round table discussion also was held on "Regulations Application to the Use of Nonconventional Vegetable Proteins for Human Nutrition." The subject was discussed by G. Boncompagni, EEC, Brussels; J.M. Hutchinson, FAO, Rome; M. Proja, Italian Public Health Department, Rome; R. Francesconi, Chimica Reti S.p.A., Ciserano, Bergamo; and L. Rinaldi, CICAM S.r.l., Milan.

No increase in residual anionic surface agents

A research program involving analyses of Italy's main bodies of water, performed by Milan's Experimental Oils and Fats Center has evidenced that essentially no increase has occurred in residual anionic surface agents (MBAS) since 1964 (in some cases, in fact, their level was found to be slightly lower), notwithstanding the fact that consump-

Students receive awards from AOCS

Six graduate students received Honored Student Awards at the AOCS 65th Annual Spring Meeting held in Mexico City in April.

This award program, established in 1963 under the direction of the Education Committee, recognizes outstanding preparation for a career in the field of fats and oils by providing selected students an opportunity to participate in the Society's national meetings. Those six students so honored are listed below.

Lawrence Paul Aggerbeck, candidate for both the M.D. and Ph.D. degrees in biochemistry at the University of Chicago, is conducting research into human serum lipoprotein in normal and disease states. He is working under the direction of Angelo Scanu.

Allen W. Kirleis is a graduate student in food science and human nutrition at Michigan State University. He is conducting research into the effects of processing conditions and lipid composition of foods upon the retention of antioxidants during freeze-drying, under the direction of M. Stine.

Elfriede K. Pistorius, graduate student in biochemistry at Purdue University, is conducting research work on the characterization of isozymes of soybean lipoxidase as the subject matter for her doctorate thesis. A native of Germany, she is working under the direction of Bernard Axelrod.

Charles L. Soliday, graduate student in the Department of Chemistry, Montana State University, is researching the effect of ergot alkaloid upon steroid synthesis in the ovary of the cow. He is working under the direction of Larry L. Jackson.

Richard P. Walls is a graduate student in pharmacology at the University of Southern California. He is conducting research on the interrelationship of lipid peroxides and peroxidases and their role in the function of the thyroid, under the direction of Paul Hochstein.

James K. Yoss, a graduate student in food science and technology at Oregon State University, is conducting research on the metabolism of radioactive sterculic acid in rats and in rainbow trout. He is working under the direction of R.O. Sinnhuber. ■

tion of synthetic surfactants has more than doubled in Italy during the last few years. This result is certainly to be ascribed to the advent of biodegradable surface active agents, the use of which has been made compulsory by law in 1971.

Limit set on erucic acid contents

A decree has been issued by the Italian Public Health Department setting a 15% limit on the erucic acid contents in seed oils sold for human consumption.

Japan T. Asahara

JOCS awards in 1973

The 1973 Japan Oil Chemists' Society Awards in fat and oil chemistry were presented at the 20th National Conference of JOCS, Hotel Hanshin, Osaka, in April. The recipients were S. Kuroiwa, Shinshu University; T. Kuwamura, Gunma University; T. Hashimoto, Government Chemical Industrial Research Institute; I. Ikeda, Osaka University; and T. Ishizuka, N. Mizutani, and H. Yamagishi, Daiichi Kogyoseiyaku Co., Ltd.

New books on detergents and edible oils

To enlighten consumers on ecological problems, still a controversial issue in Japan, two comprehensive books on detergents and edible oils were published in February. These had been scheduled as one of activities in honor of the JOCS 20th anniversary.

Continuing activity of JOCS committees

Draft work on the biodegradation test method of non-ionic detergent submitted to the JOCS Biodegradation Subcommittee was complete. The shake culture test method is

used as a standard procedure, and cobalt thiocyanate analysis or foam height is adopted for biodegradability evaluation. For the first time, this standard will be supplemented to Japanese Industrial Standards for nonionic detergents.

The JOCS Gas Liquid Chromatography (GLC) Committee began to study the tentative method for quantitative analysis of fatty acids composition by programmed temperature GLC. Study upon the tentative method for identifying fats and oils by GLC has been undertaken in the JOCS Fat and Oil Identification Committee.

The tentative method for quantitative analysis of trace arsenic and heavy metals in fats, oils, and fat and oil products is under work in the JOCS Fat and Oil Testing Method Committee.

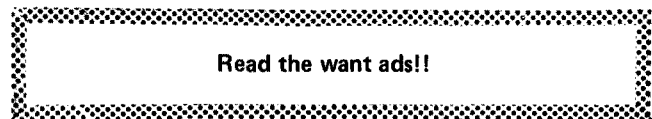
Turkey E. Sever

New products for Turkish market

Desas, a company producing detergents in Istanbul has introduced two new products recently. One of them is a creme detergent "Pan" packed in a 1 lb plastic tub. The other is a liquid bleach called "Domestos."

Another recent product was "Ebru" toilet soap produced by Komili oil and soap processing factory in four different colors.

By the end of April, a new margarine will be launched by Unilever-Is, Istanbul. This product, with a brand name "Sanella" has 1.8% salt content and packed in 1/2 lb packs. B-carotene, as coloring agent; 2000 IU vitamin A, and 100 IU vitamin D/100 g margarine are used. ■



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1974-75

SMALLEY CHECK SAMPLE PROGRAM

The Smalley Committee annually offers a number of Check Sample Series in various analytical categories. Interested analysts should write to Smalley Committee, AOCS, 508 S. Sixth St., Champaign, Illinois 61820, prior to June 15, 1974, for order forms and complete information, which will be distributed before each series begins.

The following Check Sample Series (the number of samples being shown in parentheses) are offered:

Cottonseed (10)	Oilseed Meals (15)	Cottonseed Oil (4)
Soybeans (10)	Edible Fats (5)	Soybean Oil (4)
Peanuts (7)	Drying Oils (6)	Copra (4)
Safflower Seed (7)	Tallow & Grease (5)	N.I.O.P. Fats & Oils (5)

Gas Chromatography (fatty acid composition) (6)

Cellulose Yield (cotton linters) (10)

Aflatoxins (oilseed meals) (5) (tentative)

Additional series will be offered should sufficient interest be indicated. Please advise the Smalley Committee of series you feel would be of value.

W.T. Coleman, Chairman, Smalley Committee