

Lipids in Biological Membranes

Symposium to Expose "New Frontiers"

Kummerow, Holman to Chair Sessions

The orientation of lipids in biological membranes represents a frontier in lipid chemistry that must be explored in order to gain a more complete understanding of life as well as of technological processes. The all-day symposium sponsored by Analabs, Hamden, Connecticut, which was announced in the May issue of this journal, will include eight authorities in their respective fields with F. A.



F. A. Kummerow

Kummerow as chairman of the morning and R. T. Holman as chairman of the afternoon session.

Eight Papers to Consider Orientation of Lipids at Interfaces

The eight 30-minute presentations will start with Dr. F. A. Vandenhuevel, Animal Research Institute of Ottawa, Canada; and continue with Dr. A. A. Benson, Scripps Institute of Oceanography of La Jolla, California; Dr. J. J. Wolken, Carnegie Institute Technology of Pittsburgh, Pennsylvania; Dr. Peter D. Klein, Argonne National Laboratory of Argonne, Illinois; Dr. Frank T. Lindgren, University of California of Berkeley, California; Dr. Fred H. Mattson, The Procter & Gamble Company of Cincinnati, Ohio; Dr. William E. M. Lands, University of Michigan of Ann Arbor, Michigan; and Dr. L. L. M. van Deenen, University of



R. T. Holman

Utrecht of Utrecht, Netherlands. Dr. Vandenhuevel will speak on the subject "Stero model projections of biological structures at the molecular level"; Dr. Benson, "On the orientation of sulfolipids, phospholipids, and galactolipids in biological membranes"; Dr. Wolken, "Structural relationship of lipids to photoreceptor membranes"; Dr. Klein, "The behavior of sterols at silica surfaces and at interfaces"; Dr. Lindgren, "Lipoprotein distribution in serum"; Dr. Mattson, "The behavior of lipase at interfaces"; Dr. Lands, "Enzymatic lecithin synthesis"; and Dr. van Deenen, "Phosphatides in cell membrane function."

A Focal Point for Future Discussion

The present symposium can only serve as a focal point for a discussion on the orientation of lipids at interfaces. However, the symposium may serve as the beginning for other exploration in the manner of incorporation of lipids into the living cell membrane. The basic knowledge which may be obtained through the study of model systems may have indirect rewards in gaining a better understanding of protein lipid interfaces; such knowledge is needed in studies on the "shortening value" of a fat in cakes, in the formation of emulsions, in the formulation of digestible fats and possibly in the production of better surface active agents. This symposium was designed to provide only a sketch of the total problem to stimulate rather than to provide a final answer. We hope that this design will meet the test of time.

Reprints Will Be Available

The proceedings of this symposium are to be published in the Journal, through the courtesy of Analabs. In addition, Analabs President P. D. Herez announced that his company will sponsor a reprinting of these proceedings for distribution to interested parties who will write for them. There will be no charge for these reprints, though a nominal service charge to cover distribution costs can be expected. Details will be announced soon, in the Journal and by mail.

• Names in the News

Leo L. Liston has been appointed central region sales engineer for Sharples Centrifuges, it was announced recently by the Equipment Division of Pennsalt Chemicals Corporation. He will handle the complete line of Sharples Centrifuges and systems in the midwestern states, working from the Chicago offices.

Dr. R. L. Bateman, Chemical Consultant with Foster D. Snell, was re-elected President of the Chemists' Club of New York, in recent elections.

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