

Newsletter

The International Lecithin and Phospholipid Society

June, 2000

Randy Zigmont, Editor

Vision of the ILPS

Since its inception, the role of the ILPS has been to promote phospholipid research and development and to establish methodology associated with phospholipid identification. This has been and continues to be accomplished by hosting periodic international congresses and symposiums and by integrating ourselves with synergistic organizations. This letter is a testament to the founding principals of our organization.

Liposomes in Food Systems

On Monday, June 12, 2000, the ILPS will sponsor the following symposiums at the IFT Annual Meeting in Dallas, TX.

Manufacture of Liposomes for Food Systems, presented by Willem Van Nieuwenhuyzen, Eridania Beghin-Say.

The Use of Liposomes for Improving Flavor Development in Microwaveable Cakes, presented by Joseph Casey, Central Soya Company.

Liposomes: A High Performance Tool for the Food Product Developers, presented by C. H. Brain, Innovative Ingredients, Inc.

Liposomes in Nutritional Delivery, presented by Brian Keller, Biozone Labs.

New Technologies for Improving Liposome Stability in Food Products, presented by B. Sears, Sears Laboratories.

ILPS Website

www.ILPS.org The ILPS is continually updating its website to provide interested parties valuable information. We plan to provide prototype information satisfying the nutritional information for both the Nutritional Labeling & Education Act (NLEA) and also the Dietary Supplement Health and Education.

ILPS Sponsors Phospholipid Division Best Paper

This year at the AOCS Annual Meeting, the ILPS sponsored a \$200 Best Paper Award which was given to Mary Ann Drake, Mississippi State University, for a paper entitled "Rheological and Sensory Properties of Reduced Fat Processed Cheeses Containing Lecithins".

150 years of Lecithin

The July and August issues of "Inform" will include a two-part article entitled "*150 Years of Lecithin from Emulsifiers to Dietetics and Drugs Essential for Human Health. A Brief History of Its Industrial Development*", authored by Armin Wendel of Nattermann Phospholipid GmbH. The AOCS Press is agreeable to publishing a more comprehensive book chronologizing the evolution of lecithin development.

ILPS Hydrolyzed Lecithin Round Robin

The ILPS membership is currently evaluating a method for phospholipid and lysophospholipid class separation by HPLC-ELSD. This method is based on a method by B. Sas, E. Peys and M. Helsen, J Chrom, A, 179-182. The goal is to develop a validated method for enzymatically hydrolyzed lecithin products. A P31NMR characterized standard and 2 unknown enzymatically hydrolyzed lecithins were distributed to 16 laboratories for analysis. Each laboratory is to use the same protocol for testing. A total of 8 species will be quantitated - PC, PE, PI, PA, LPC, LPE, LPI and LPA. Dr. Bernd Diehl of Spectral Services will compile and statistically analyze the results. Final analysis from this round robin will be available in September, 2000.

For further information regarding the ILPS or its membership, please contact the following officers:

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