

Comprehensive New Volume—AOCS Monograph 10

Dietary Fats and Health

Edited by E. G. Perkins & W. J. Visek

This new AOCS monograph is the proceedings of a conference held in Chicago in December 1981. Containing 60 chapters by leading scientists in biochemistry and nutrition, the book presents the latest scientific information in fat chemistry and technology related to nutrition. Specifically, it covers the general role of fats in nutrition, metabolism of isomeric fats, and the role of vitamins A, D, E and K in health and disease. Included are controversial topics such as the role of lipids in heart disease and cancer, and the effects of diet on high density lipoproteins and the techniques of lipoprotein fractionation. The book also contains information devoted to emerging research on dietary fats and nutrition in such areas as multiple sclerosis and the immune response. Numerous illustrations and references are found throughout.

Subjects include:

Chemistry and Technology of Fats
New Methodology in Fat Analysis
Nutritional Effects of Fats, and Metabolism

Essential fatty acids
Pre- and post-natal development
Isomeric fats

Vitamins A,D,K,
Immune response
Heart Disease

Epidemiology
Diet

Lipoproteins

structure
effects of diet on
fractionation
lipoprotein lipase
diet and cholesterol
relation to cancer

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