

Biochemistry of Lipids, Lipoproteins and Membranes, 5th edition

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Now in its 5th edition, *Biochemistry of Lipids, Lipoproteins and Membranes* is a trusted and well-known reference. Meticulously edited by renowned researchers and professors in the field, Vance and Vance gather top authors to present the remarkable growth the research on biochemistry and molecular biology of lipids and lipoproteins has experienced. A particular highlight is the fundamental role different classes of lipids play in diseases.

This publication is unique in that it represents a bridge between the superficial coverage of the lipid field found in basic biochemistry textbooks and the highly specialized material contained in scientific review articles and monographs. The book is not a collection of exhaustive reviews, but a current and readable summary of diverse aspects of lipids. It is intended as an advanced and up-to-date textbook for teachers and students who are familiar with the basic concepts of lipid biochemistry and will also serve as a general reference book for scientists studying lipids, lipoproteins and membranes.

KEY FEATURES:

- Uncovers the role of lipids in diseases such as heart disease, obesity, diabetes, cancer and neurodegenerative disorders such as Alzheimer's
- Presents the latest research on the sterol response element binding protein (SREBP) which regulates cholesterol metabolism
- Illustrates the latest research on fatty acids including research on stearyl-CoA

PRAISE FOR THE PREVIOUS EDITIONS:

"This is one of a select group of books in the lipid field that I would expect to find in every biological library."

– W.W. Christie, *Lipid Technology Newsletter*

"I would recommend this book both for students who have already taken an introductory course in biochemistry and for scientists researching lipids, lipoproteins and biomembranes."

– W.I. Gruszecki, *Journal of Plant Physiology*



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