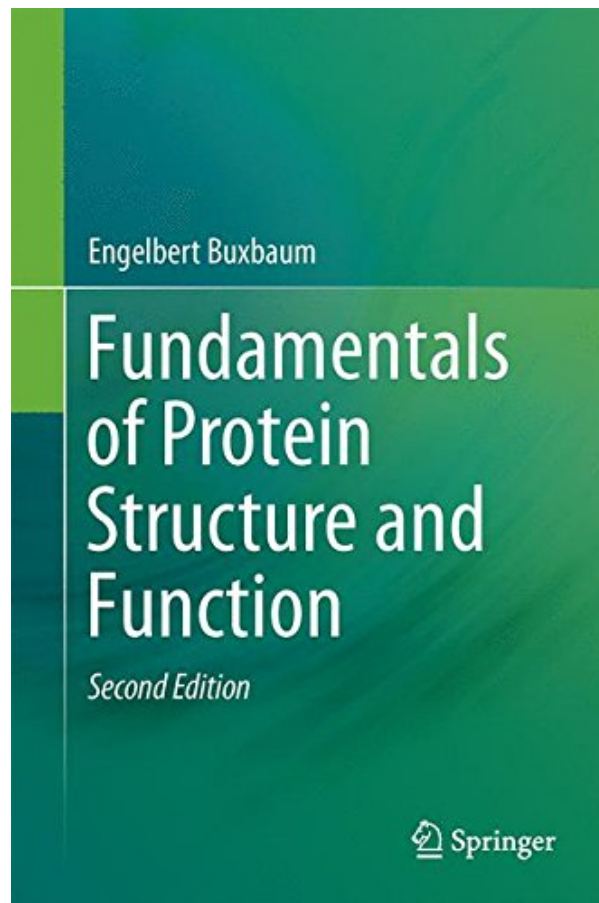


FUNDAMENTALS OF PROTEIN STRUCTURE AND FUNCTION BY ENGELBERT BUXBAUM



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Fundamentals of Protein Structure and Function

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Review

From the reviews:

“‘Fundamentals of Protein Structure and Function’ introduces the fundamental aspects of protein biochemistry from both basic and applied perspectives. ... this book can serve as an interesting textbook for advanced learners in protein structure and function. ... The book also summarizes the analytical techniques used to characterize cellular and membrane proteins. ... it provides a comprehensive understanding of the basics in protein biochemistry and serves as an interesting combination of chemistry and biology for a general readership.” (Mobeen Raja, *Journal of Chemical Biology*, Vol. 5 (2), April, 2012)

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This book can be used for graduate and advanced undergraduate classes covering protein structure and function and as an introductory text for researchers in protein biochemistry, molecular and cell biology, chemistry, biophysics, biomedicine, and related courses.

About the author:

Dr. Buxbaum is a biochemist with an interest in enzymology and protein science. He has been working on the biochemistry of membrane transport proteins for nearly thirty years and has taught courses in biochemistry and biomedicine at several universities.

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Fundamentals of Protein Structure and Function - Engelbert Buxbaum, PhD

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Dr. Buxbaum presents the basic science of proteins and a survey of proteins categorized by function in a nicely illustrated volume, appropriate for introductory courses. Undergraduate biochemistry, chemistry and molecular biology courses; and graduate-level professional program courses could benefit from using the text as a one-stop presentation of essential material. Four sections cover protein structure, enzymes, special proteins, and membrane transport. There are brief problem sets following chapters, short bios of notable protein scientists, and references and an index provided in the appendices of the textbook. The size of the book is manageable for students.

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