

TEXTBOOK OF STRUCTURAL BIOLOGY

Reviews of the First Edition:

"It is a marvelous book to learn or be reminded of all the structural information that I often want to know. At the same time it is a marvelous teaching book for new grad students or any kind of interested student. It replaces the now much older Branden and Tooze. There have now been quite a few similar kind of books, but this is as complete a book as I have seen, written in simple words, easy to follow with excellent illustrations."

Michael Rossmann

*Hanley Professor of Biological Sciences
Purdue University*

"This text provides a well thought out and reasonably current survey of structural biology ... I enjoyed reading this book and recommend it for an advanced level class in structural biology or as a current reference text."

Protein Crystallography Newsletter

"Overall, the quality and feel of the book is of a handsomely produced volume."

Crystallography Reviews

This book provides a comprehensive coverage of the basic principles of structural biology, as well as an up-to-date summary of some main directions of research in the field. The relationship between structure and function is described in detail for soluble proteins, membrane proteins, membranes, and nucleic acids.

There are several books covering protein structure and function, but none that give a complete picture, including nucleic acids, lipids, membranes and carbohydrates, all being of central importance in structural biology.

The book covers state-of-the-art research in various areas. It is unique for its breadth of coverage by experts in the fields. The book is richly illustrated with more than 400 color figures to highlight the wide range of structures.