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Gauri Misra  
Editor

# Introduction to Biomolecular Structure and Biophysics

Basics of Biophysics

 Springer

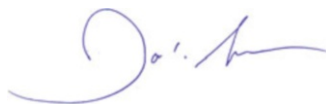
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## Foreword by Prof. Joel L. Sussman

Receiving is not always important; however, giving back to society can be incredibly significant. This book, *Introduction to Biomolecular Structure and Biophysics: Basics of Biophysics*, is an excellent volume of Dr. Gauri Misra to present the fundamentals and advances in the field of Biophysics to the scientific community. A journey beginning from the basic macromolecular structure, their functioning, interactions transcending to the methodology that includes the classical and new approaches makes this effort incredibly worthwhile. Contribution from the experts in the field enhances the quality of the content. Reading about new folds and structures, e.g., the Roadblock and Longin folds, is fascinating and will clearly stimulate the reader from neophyte through expert.

The book goes from classical biochemistry, e.g., amino acids, primary through quaternary structures, to very recent discoveries such as intrinsically disordered proteins. New discoveries and creative thought process keep the flame of scientific curiosity ignited. The magnitude of work done to bring forth the new advancements in the field makes the book unique. The principles of the most complex of techniques, e.g., the latest developments of cryoEM and their impact on structural biology, are explained in a very clear manner so that the student's enthusiasm remains intact while reading. This book will be useful to people working not only in biophysics but also in other scientific disciplines from chemistry through life sciences. The text is strengthened enormously by beautiful diagrams.

I strongly believe this book will be a reader's delight providing comprehensive understanding of macromolecular structure and functioning. It will be an excellent introduction for students towards biophysics and will clearly help them to develop a wider perspective of the field.



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