

Textbook of Biochemistry, 1/e

Seema P. Upadhye

**TEXTBOOK OF
Biochemistry**

Seema Pavgi Upadhye



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About the Book

Biochemistry is the study of the structure, composition, and chemical reactions of substances in living systems. Biochemistry became a separate field when scientists combined biology with organic, inorganic, or physical chemistry and began to study such topics as how living things obtain energy from food, the chemical basis of genetics. Biochemistry includes the sciences of molecular biology; immunochemistry; neurochemistry; and bioinorganic, bioorganic, and biophysical chemistry.

The major goal of this book is to provide life science students, the basics of biochemistry in very simple and interesting manner.

To make it more explanatory the whole content is divided in 27 chapters spread in three major sections: The Molecular Concept of Life; Biosynthesis and Breakdown of Biomolecules and Transfer of Genetic Informations.

Salient Features

- ▶At the end of each chapter, there is a glossary to find out word meanings.
- ▶At the end of each chapter, there is a summary to understand the subject in short, followed by questions and references.
- ▶Matter is covered in an easy way and is explained with the help of diagrams.

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About the Author

Seema P. Upadhye :- **Seema Pavgi Upadhye**, M.Sc. from Lucknow University in Biochemistry and obtained Ph.D. from Industrial Toxicology Research Centre, Lucknow. She followed that with a Postdoctoral position awarded by Council of Scientific and Industrial Research, New Delhi and resumed research work at National Botanical Research Institute, Lucknow and School of Biotechnology, Devi Ahilya University, Indore. Her field of research is Environmental Science, Biochemistry and Enzymology. She worked in Manipal University, Dubai and Dr. B. Lal Institute of Biotechnology, Jaipur. She has many International and National research papers to her credit along with that she has attended various conferences and presented research papers. At present she is Principal in college of Biotechnology, ITS Paramedical College, Murad Nagar, Ghaziabad.