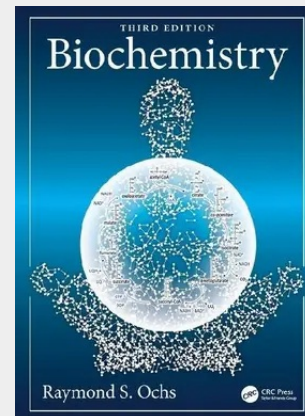


Biochemistry

Biochemistry, Third Edition, is a single-semester text designed for undergraduate non-biochemistry majors. Accessible, engaging, and informative, it is the perfect introduction to the subject for students who may approach chemistry with apprehension. Its unique emphasis on metabolism and its kinetic underpinnings give the text up-to-the-minute relevance for students investigating current public health concerns, such as obesity and diabetes. This text will encourage students to explore the basics of chemistry and its influence on biological problems. Key Features: - Provides an understanding of (mostly) enzymatic reactions that are responsible for the function and maintenance of living things. - This innovative text for non-biochemistry majors includes introductory material at the beginning of each chapter that contextualizes chapter themes in real-life scenarios. - Online supporting materials with further opportunities for research and investigation. - Synthesis questions at the end of each chapter that encourage students to make connections between concepts and ideas, as well as develop critical-thinking skills. - Addenda to chapters explore specialized topics related to the subject matter of that chapter. The Appendix to the book provides background information on topics such as basic chemistry, mathematics, and details of aspects of lipid chemistry, kinetics, and free energy.

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