

MARKS'

Basic Medical
Biochemistry

A CLINICAL APPROACH

Michael Lieberman, PhD • Allan D. Marks, MD

FOURTH EDITION

Marks' Basic Medical Biochemistry takes a patient-oriented approach that links biochemistry to physiology and pathophysiology, allowing students to apply fundamental concepts to the practice of medicine—from diagnosing patients to recommending effective treatments. Intuitively organized chapters center on hypothetical patient vignettes and helpful icons allow for smooth navigation, making complex concepts easier to grasp!

NEW AND CLASSIC FEATURES praised by faculty and students:

- **Full-color illustrations** of chemical structures and biochemical pathways elucidate core concepts and enhance understanding of the text
- **Hypothetical patient vignettes ensure clinical relevance** and help students connect biochemistry to human health and disease
- **Helpful Icons** guide readers through each chapter and identify key concepts
 -  **Clinical Notes** explain patient signs or symptoms
 -  **Method Notes** relate biochemistry to the laboratory tests ordered during diagnosis
 -  **Questions and Answers** prompt critical thinking as each chapter unfolds
 -  **Clinical Comments** link biochemical dynamics to treatment options and patient outcomes
 -  **Biochemical Comments** detail new information
- End-of-chapter **Key Concepts, Review Questions, and Summary Disease Tables** highlight the take-home messages in each chapter and reinforce knowledge

Access additional resources online with purchase of text!

Instructors receive access to a dedicated Image Bank as well as all student features, which include fully searchable eBook; animations depicting 9 key biochemical concepts; interactive question bank with more than 450 USMLE questions and complete rationales; full patient summaries for each patient discussed in the text; comprehensive list of disorders covered in the text, with relevant web links; and suggested readings for further exploration.

Online resources available on **thePoint**™ where Teaching, Learning, and Technology "click."

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