

Preface

This revision of *BRS Biochemistry, Molecular Biology, and Genetics* includes additional high-yield material to help the reader master clinical principles of medical biochemistry as they prepare for the revamped Step 1 USMLE. Our goal is to offer a review book that both lays the foundations of biochemistry and introduces clinically relevant correlates. In doing so, we have de-emphasized some of the rote memorization of structures and formulas that often obscure the big picture of medical biochemistry. Clinical Correlates in each chapter provide additional clinical insight, distilling numerous clinical correlations into a format that offers the highest yield in review. We hope that these correlations will help answer a commonly asked question: "Why do we have to know this for the boards?"

This revised edition also includes a new chapter on genetics as related to medical biochemistry. We hope this chapter will augment other review texts on genetics that students may consult in preparation for Step 1.

Many of the questions at the end of each chapter have been revised to maximize their value for the student preparing for the exam. A comprehensive exam at the end of this volume reinforces the concepts of the text. Our objective has been to provide the student with clinically relevant questions in a format similar to that encountered on the USMLE Step 1 Boards. The breadth of questions is one of the many features of Lippincott's *Board Review Series* titles.

We hope that the new edition of *BRS Biochemistry, Molecular Biology, and Genetics* becomes a valuable tool for students seeking high-yield resources as they prepare for the USMLE Step 1. We recognize the changing nature of science and medicine, however, and encourage readers to send suggestions for improvement for this text or for our companion flash cards, to us via e-mail at LWW.com.

Todd Swanson
Sandra Kim
Marc Glucksman