



# Preface

This is the ninth edition of *Andreoli and Carpenter's Cecil Essentials of Medicine*. *Essentials IX*, like its predecessors, is intended to be comprehensive but concise. *Essentials IX*, therefore, provides an exacting and thoroughly updated treatise on internal medicine, without excessive length, for students of medicine at all levels of their careers.

We welcome with enthusiasm a new editor, J. Gregory Fitz, MD, provost and dean of medicine at the University of Texas Southwestern Medical Center at Dallas.

*Essentials IX* has maintained its three cardinal components and added a fourth. First, at the beginning of each section—kidney, for example—we provide a brief but rigorous summary of the fundamental biology of the kidney and/or the cardinal signs and symptoms of diseases of the kidney. The same format has been used in all the sections of the book. Second, the main body of each section contains a detailed but, again, concise description of the diseases of the various organ systems together with their pathophysiology and their treatment.

*Essentials IX* relies heavily on the internet. Along with the print publication, *Essentials IX* is published in its entirety online. In the online version of *Essentials IX*, we provide a substantial amount of supplemental material, indicated in the hard copy text by various icons in the margins of the pages. These icons are present throughout the hard copy of the book as well as in the Internet version and direct the reader to a series of illustrations, tables, or videos in the online version of *Essentials*. This material is clearly

crucial to understanding modern medicine, but we hope that, in this manner, the supplemental material will enrich *Essentials IX* without having enlarged the book significantly.

Finally, *Essentials IX* is being published simultaneously with *Goldman-Cecil Medicine*, 25th Edition, which is edited by Lee Goldman, MD, and Andrew I. Schafer, MD. Accordingly, the student has both the depth and breadth of two complementary textbooks, which were written and edited by contributors who number among the most recognized and respected authorities in the field. We feel that such integration and partnership expose students at all levels to the latest developments in biology with current evidence-based diagnosis, therapy, and practices.

As in prior editions, we make abundant use of four-color illustrations and each section has been reviewed first by one or another of the editors and finally by the editor-in-chief.

We thank James T. Merritt, senior acquisitions editor, medical education, of Elsevier, Inc., and especially Taylor Ball, content development manager, Elsevier, Inc. Both Jim Merritt and Taylor Ball contributed heartily to the preparation of this ninth edition of *Essentials*. Lastly, we thank our very able secretarial staff, Ms. Deborah Lamontange and Rachel Trower (Milwaukee), Ms. Patricia Hopkins (Rochester), Ms. Diane DiLolle (Dallas), and Ms. Carrie Gridelli and Ms. Lola Wright (Providence).

*The Editors*