

<<诊断微生物学>>

图书基本信息

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内容概要

Completely updated and in full color, this 3rd edition covers all the essentials of diagnostic microbiology. A logical building-block approach supplies what students need to know in an easy-to-use, memorable format. Material is presented in a progressive manner, from basic principles and concepts to systematic identification of etiologic agents of infectious diseases, promoting greater understanding and the development of problem-solving skills. Part I of the text explains basic principles and concepts, setting up a firm foundation in microbiology. Building on these basics, Part II highlights methods for the identification of significant isolates. Part III uses an organ system approach to discuss the laboratory diagnosis of infectious diseases with a focus on the most medically significant and commonly encountered diseases. More than 800 full-color illustrations. Hands-on procedures describe laboratory techniques. A case study begins each chapter with a related, real-life situation. All chapters make learning easier with features such as outlines, objectives, key terms, chapter summaries, points to remember, and learning assessment questions. Five new chapters: The Laboratory Role in Infection Control Biochemical Identification of Gram-Negative Bacteria Immunodiagnosis of Infectious Diseases Agents of Bioterror Biofilms: Architects of Disease Antimicrobial Susceptibility Testing chapter has been expanded to include emerging microbial resistance and pharmacokinetic and pharmacodynamic principles and applications. Issues to Consider encourages critical thinking and analysis of featured case studies. Glossary of terms serves as a quick reference. New co-editor, Don Lehman, brings years of educational experience.

书籍目录

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