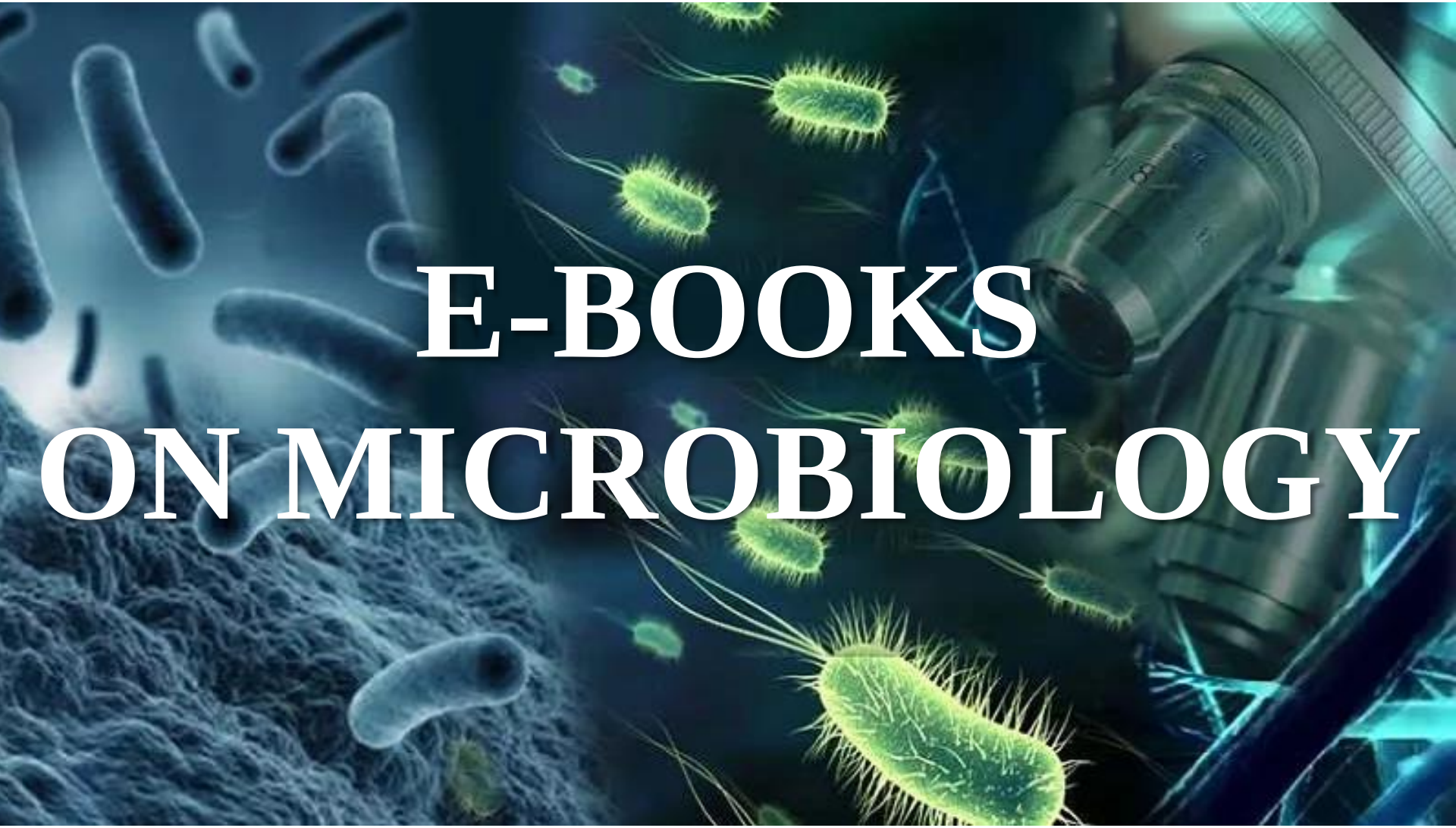
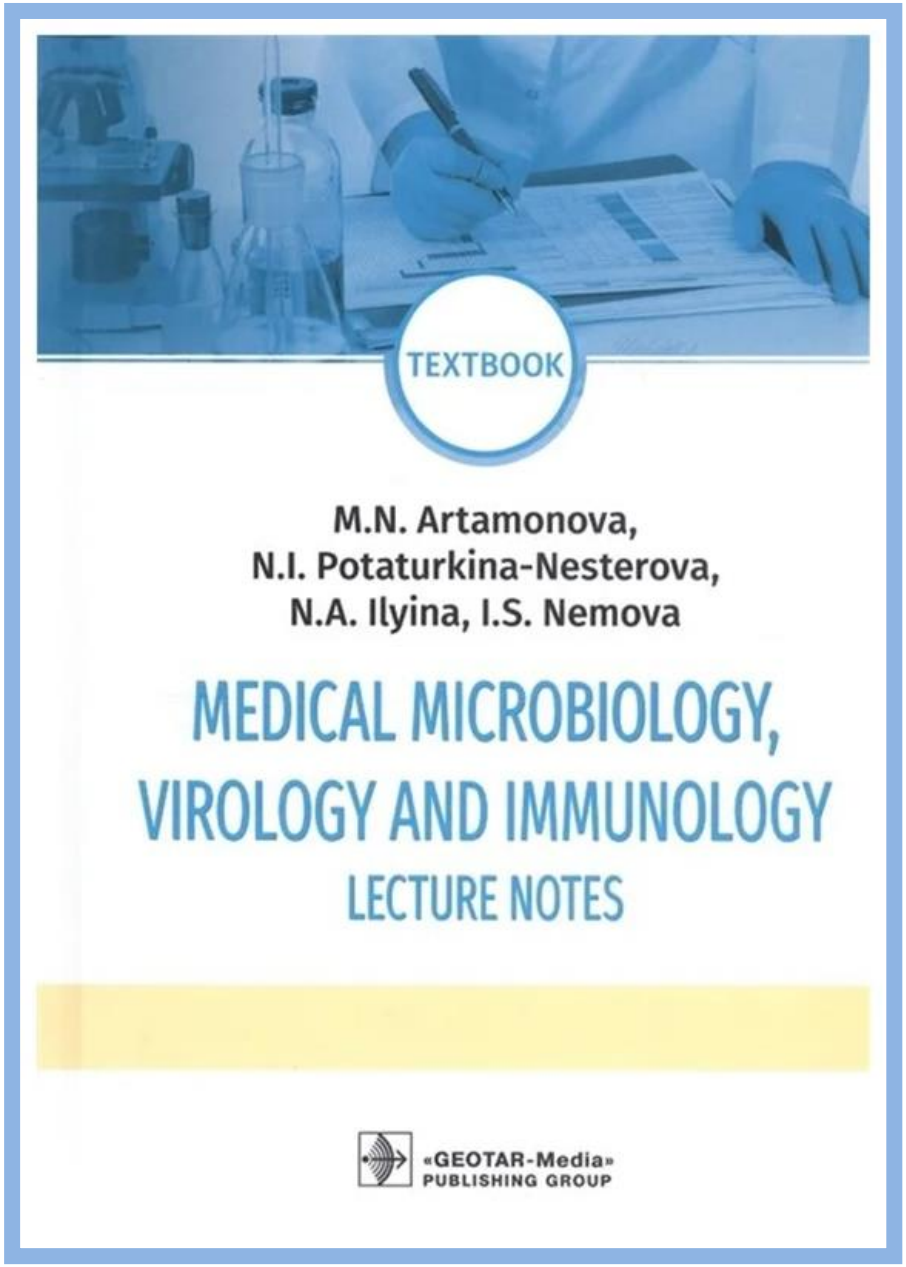
КУРСКИЙ ГОСУДАРСТВЕННЫЙ МЕДИЦИНСКИЙ УНИВЕРСИТЕТ
KURSK STATE MEDICAL UNIVERSITY



E-BOOKS ON MICROBIOLOGY

virtual exhibition-view

Books in English

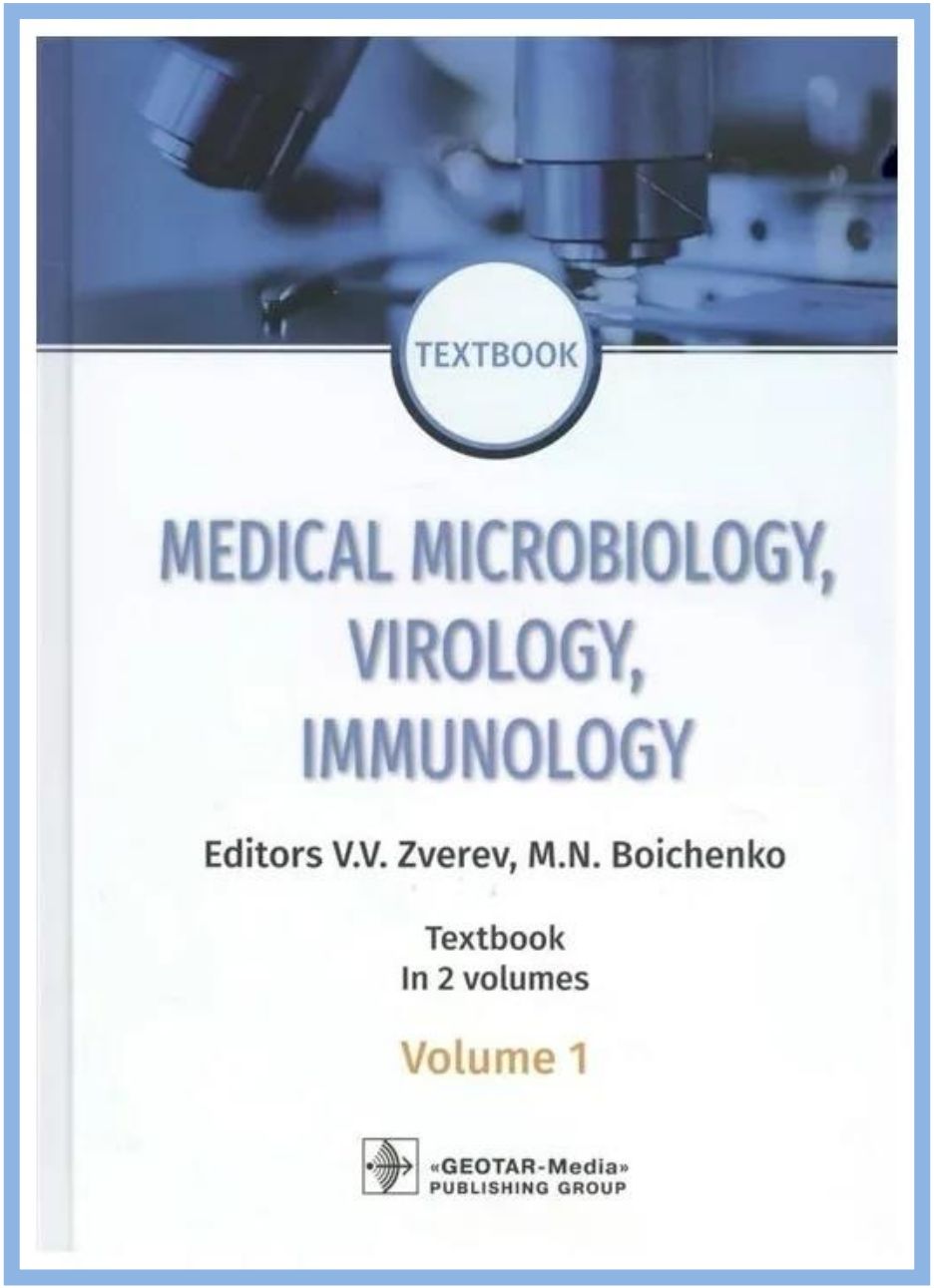


Medical Microbiology, Virology and Immunology. Lecture Notes : textbook / M. N. Artamonova, N. I. Potaturkina-Nesterova, N. A. Ilyina, I. S. Nemova - Moscow: GEOTAR-Media, 2021. - 352 p.
FULL TEXT

Annotation:

The textbook consists of three units: Microbiology, Virology and Immunology, each of which includes the main topics of the curriculum in these disciplines. Each topic is presented with a chapter, including the main questions of the topic, answers to them, as well as self-check and clinical cases that help students to understand studied material and check up the knowledge gained. The material is illustrated with pictures, diagrams and tables.

The book is written in accordance with the program of teaching disciplines «Microbiology», «Virology» and «Immunology» approved offi cially. Textbook «Medical Microbiology, Virology and Immunology. Lecture notes» is destined for students who study the disciplines «Microbiology, Virology» and «Immunology» in English in the medical universities of the Russian Federation.

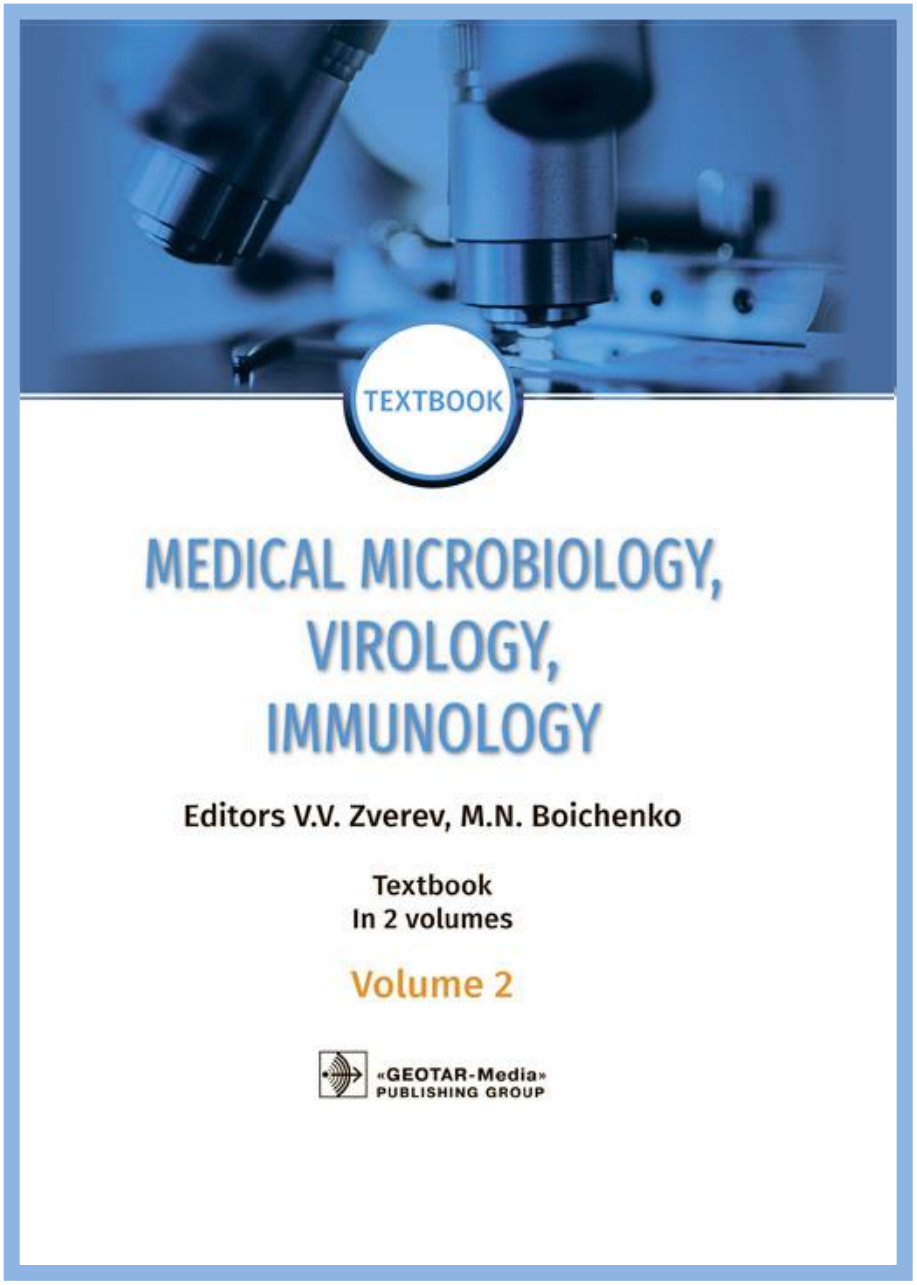


Medical Microbiology, Virology, Immunology : textbook : in 2 vol. / ed.: V. V. Zverev, M. N. Boichenko. – Moscow : GEOTAR-Media, 2020. – Vol. 1. – 384 p. FULL TEXT

Annotation:

This publication has been prepared by staff members of Microbiology, Virology and Immunology Departments of I.M. Sechenov First Moscow State Medical University, Pirogov Russian National Research Medical University, A.I. Yevdokimov Moscow State University of Medicine and Dentistry, Pavlov First Saint Petersburg State Medical University, S.M. Kirov Military Medical Academy, State Medical Universities of Omsk, Orenburg, Chelyabinsk.

The textbook is comprised of two volumes, which include 19 chapters, sequentially introducing the issues of general and special microbiology, virology, and immunology. The material presented in both volumes is significantly revised according to the modern science trends and supplemented by illustrations, tables and figures. The textbook is composed in compliance with the approved off icial educational program, and is recommended for the students of the departments of General Medicine, Pediatrics and Preventice Medicine.



Medical Microbiology, Virology, Immunology : textbook : in 2 vol. / ed.: V. V. Zverev, M. N. Boichenko. – Moscow : GEOTAR-Media, 2020. – Vol. 2. – 392 p. FULL TEXT

Annotation:

This publication has been prepared by staff members of Microbiology, Virology and Immunology Departments of I.M. Sechenov First Moscow State Medical University, Pirogov Russian National Research Medical University, A.I. Yevdokimov Moscow State University of Medicine and Dentistry, Pavlov First Saint Petersburg State Medical University, S.M. Kirov Military Medical Academy, State Medical Universities of Omsk, Orenburg, Chelyabinsk.

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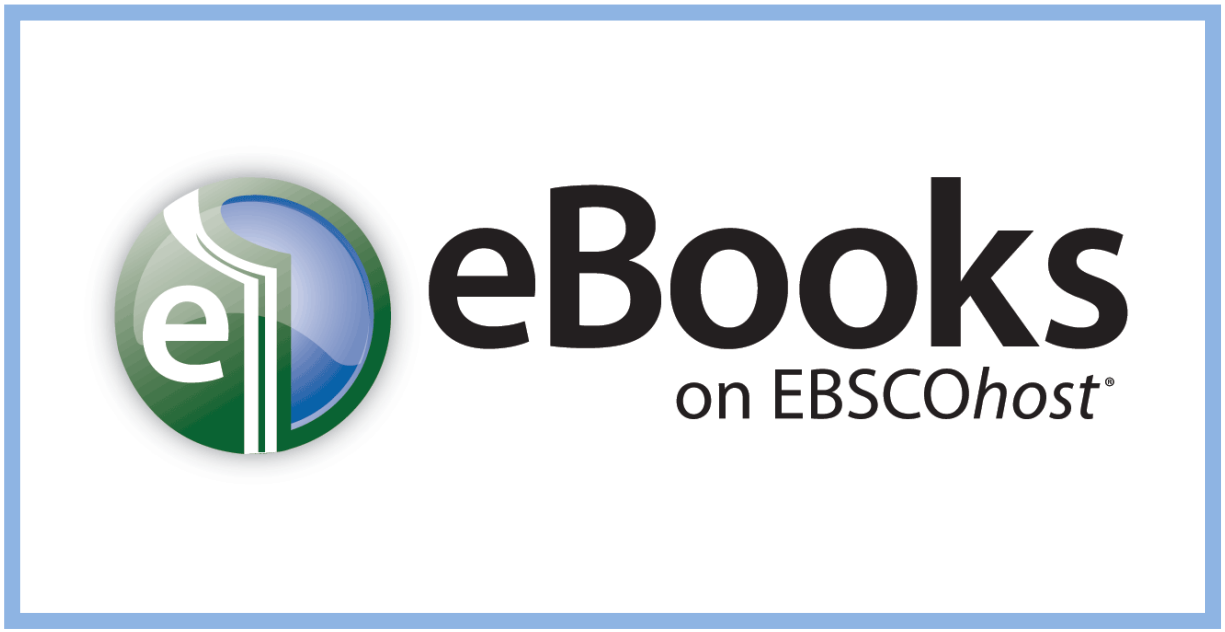
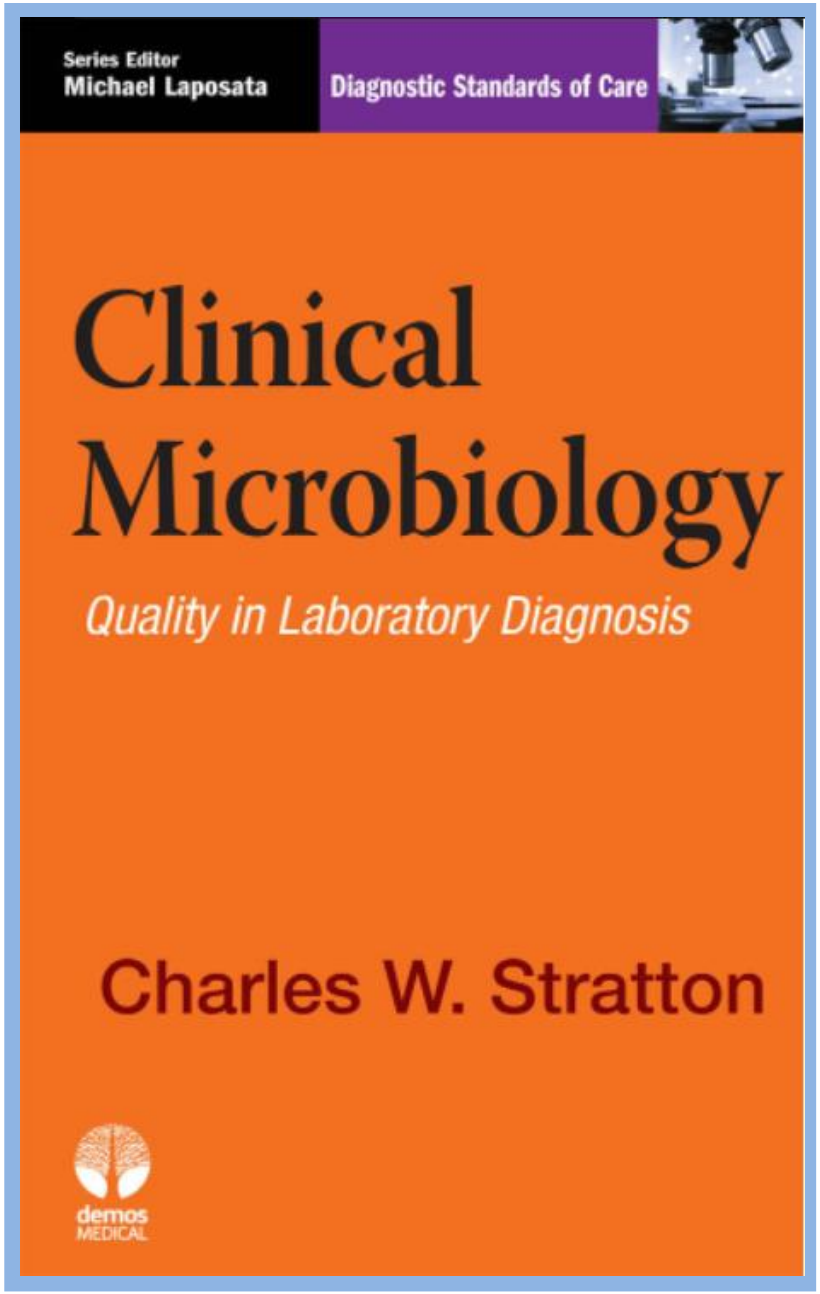


eBook Clinical Collection



Stratton, Charles W. Clinical Microbiology : Quality in Laboratory Diagnosis / Charles W Stratton. – New York : Demos Medical, 2012. – 151 p. FULL TEXT

Annotation:

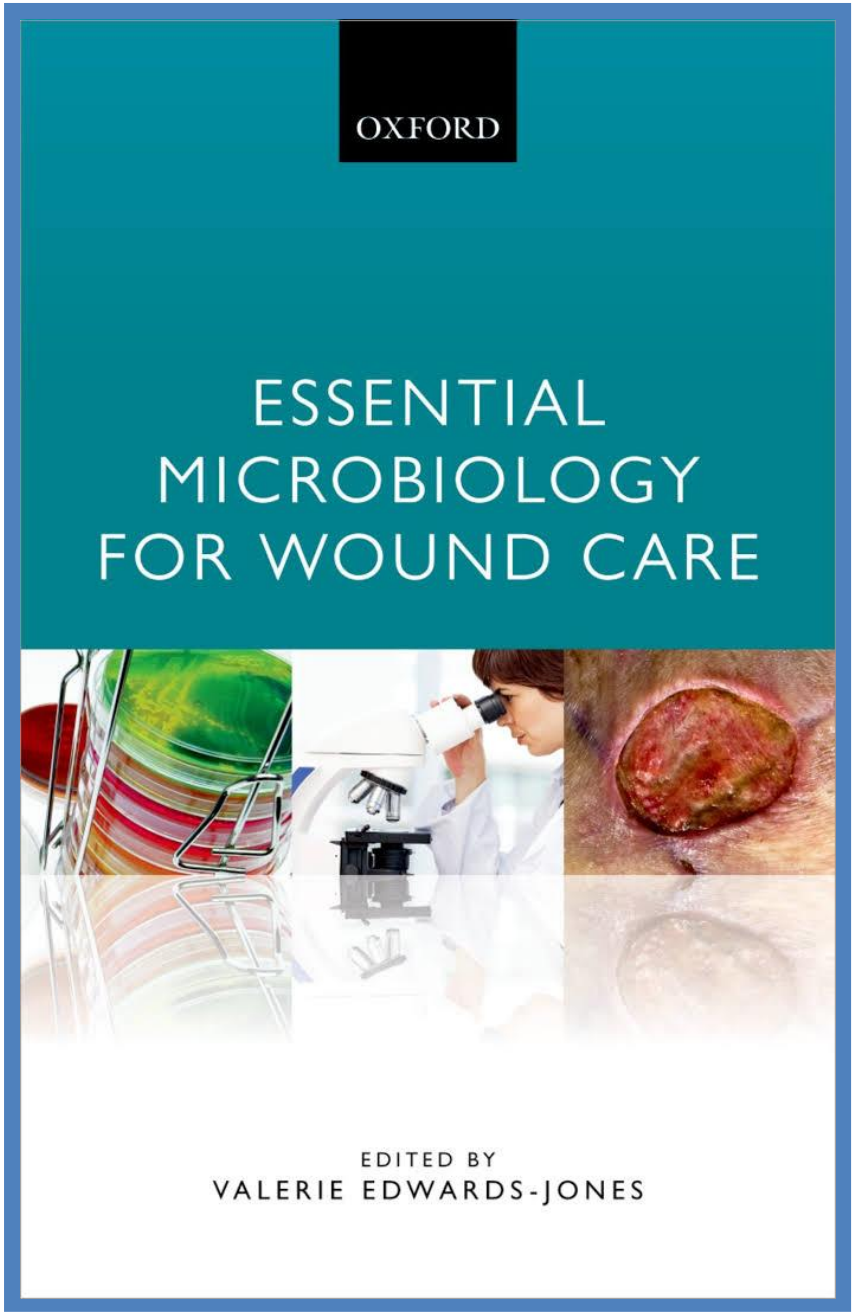
About theDiagnostic Standards of Care Series A key issue for every laboratory and individual laboratory practitioner is the assessment of risk and a current working knowledge of the standards of care established for diagnostic testing via guidelines, major studies and trials. The Diagnostic Standards of Care series presents an overview of the key diagnoses in clinical pathology using case examples to illustrate effective analysis of the case in light of current evidence and standards for the problem discussed. In addition to being practical diagnostic guides, these volumes will have a unique emphasis on quality assurance and evidence-based testing practices and the role of the pathologist in ensuring quality and patient safety. Clinical Microbiology addresses common medical errors seen in the clinical microbiology laboratory in order to show these errors to pathologists and laboratory technicians as well as clinicians. The goal is to allow such errors to be corrected by both individual effort and a systems approach in the laboratory.

The book addresses potential medical errors in test ordering and specimen collection, testing in the laboratory, and reporting and interpretation of test results. Each of these phases can have an adverse impact on the diagnosis and treatment of an infectious disease if a medical error occurs. Potential medical errors are described and discussed in a clinical case-based learning format to effectively illustrate the conditions that contribute to these errors and enable the reader to recognize and avoid them in daily practice. Clinical Microbiology Features Descriptions of potential errors in test ordering and specimen collection in clinical microbiology Descriptions of potential errors in test performance in clinical microbiology Descriptions of potential errors in test reporting and interpretation in clinical microbiology Clinical case discussions provide'real world'illustrations of potential errors and how to anticipate and avoid them in practice Is pocket-sized for portability

Jorgensen, James H. Manual of Clinical Microbiology / James H. Jorgensen, Michael A. Pfaller. – 11th ed. – Washington, DC : ASM Press, 2015. FULL TEXT

Annotation:

Revised by a collaborative, international, interdisciplinary team of editors and authors, this edition includes the latest applications of genomics and proteomics and is filled with current findings regarding infectious agents, leading-edge diagnostic methods, laboratory practices, and safety guidelines. This seminal reference of microbiology continues to set the standard for state-of-the-science laboratory practice as the most authoritative reference in the field of microbiology.



Essential Microbiology for Wound Care / ed.: V. Edwards-Jones. – Oxford, United Kingdom : OUP Oxford, 2016. – 176 p. FULL TEXT

Annotation:

Many healthcare practitioners understand the role microbiology has within the management of their patients, particularly when this involves wound care and the healing process. However, basic medical and nursing training does not always cover the microbiology of wound care in any great depth. Essential Microbiology for Wound Care is an indispensable reference aid that covers the key areas and science of microbiology from a point of view relevant to wound care practitioners wishing to enhance their skills. Written by specialists in the areas of microbiology and wound care, the book explains the basic science of microbiology and how it applies to wound care from simple infections to complex non-healing wounds, covering areas such as the diagnosis of infection, antimicrobial agents, virulence, and the treatment of infection, and infection control.

Annotation:

Current thought in the field is also discussed, covering the improved understanding of the role of microorganisms and biofilms, newly-arising management strategies, and the increasing concern about the rapid development of antimicrobial resistance and how this may impact the administration of antibiotics in the future. Prevention and alternative forms of treatment in the field of wound care for the diabetic foot, burns, acute, and chronic wounds are also included. From the basic science to biofilms, Essential Microbiology for Wound Care provides a thorough understanding of the basic principles of microbiology in an accessible style that makes it a key reference in the field of wound care.

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May, 2022