

9TH EDITION

Manual of
**CLINICAL
MICROBIOLOGY**

EDITOR IN CHIEF

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diagnostic methods and emerging therapeutic challenges facing clinicians *Clinical Immunology and Serology* Christine Dorresteyn Stevens, Linda E Miller, 2016-10-05 The perfect balance of theory and practice Here s the must have information you need to understand the essential principles of immunology and to master the serology techniques most commonly used in the laboratory Easy to read student friendly coverage focuses on the direct application of theory to clinical laboratory practice preparing you for the real world in which you will practice The 4th Edition of this popular text has been completely updated and revised throughout to reflect the latest advances in the field A brand new full color layout makes the content easier to understand than ever before **Jawetz, Melnick, & Adelberg's Medical Microbiology, Twenty-Fifth Edition** Geo. F. Brooks, Karen C. Carroll, Janet S. Butel, Stephen A. Morse, Timothy A. Mietzner, 2012-09-01 An easy to understand well illustrated introduction to the clinically important aspects of microbiology NOW in full color A Doody s Core Title ESSENTIAL PURCHASE for 2011 4 STAR DOODY S REVIEW This book provides a comprehensive overview of medical microbiology in a well organized and practical format The new version includes color photographs and revisions to reflect advances in knowledge and molecular diagnostics These updates are essential in such a rapidly progressing field and will ensure this book continues to be a mainstay in teaching medical microbiology Doody s Review Service Linking fundamental principles with the diagnosis and treatment of microbial infections this classic text delivers an essential overview of the roles microorganisms play in human health and illness In addition to the brief descriptions of the organisms you ll find vital perspectives on pathogenesis diagnostic laboratory tests clinical findings treatment and epidemiology The book introduces you to basic clinical microbiology through the fields of bacteriology virology mycology and parasitology giving you a far reaching yet student friendly review of the discipline All chapters have been extensively revised to reflect the tremendous expansion of medical knowledge afforded by molecular mechanisms advances in our understanding of microbial pathogenesis and the discovery of unusual pathogens Features NEW full color presentation 500 USMLE style review questions 300 informative tables and illustrations each designed to clarify and reinforce important chapter concepts Coverage that reflects the latest techniques in laboratory and diagnostic technologies Visit www.LangeTextbooks.com to access valuable resources and study aids The science of microbiology Cell structure Classification of bacteria The growth and survival and death of microorganisms Cultivation of microorganisms Microbial metabolism Microbial genetics Immunology Pathogenesis of bacterial infection Antimicrobial chemotherapy Normal microbial flora of the human body Spore forming gram positive bacilli bacillus clostridium species Non spore forming gram positive bacilli corynebacterium propionibacterium listeria erysipelothrux actinomycetes The staphylococci The streptococci Enteric gram negative rods enterobacteriaceae Pseudomonads acinetobacters uncommon gram negative bacteria Vibrios campylobacters helicobacter Haemophilus bordetella brucella francisella Yersinia pasteurella The neisseriae Infections caused by anaerobic bacteria Legionellae bartonella unusual bacterial pathogens Mycobacteria Spirochetes other spiral microorganisms Mycoplasmas cell wall

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