

1. Record Nr.	UNINA9910139875403321
Titolo	Staphylococci in human disease [[electronic resource] /] / edited by Kent B. Crossley ... [et al.]
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, NJ, : Wiley-Blackwell, 2009
ISBN	1-282-33160-4 9786612331602 1-4443-0846-7 1-4443-0847-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (647 p.)
Altri autori (Persone)	CrossleyKent B
Disciplina	616.9297
Soggetti	Staphylococcal infections Gram-positive bacterial infections
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Staphylococci inHuman Disease; Contents; Contributors; Preface to the Second Edition; Section IThe Organisms; Biology and Taxonomy; Chapter 1The Biology of Staphylococci; Chapter 2Genomics of the Staphylococci; Chapter 3Evolution and Taxonomyof Staphylococci; Chapter 4Molecular Basis of Pathogenicity; Chapter 5Adaptation to Stress: Biofilms andSmall-colony Variants; Chapter 6Exotoxins; Chapter 7Host Defense Against StaphylococcalInfection; Antimicrobial Resistance inStaphylococci; Chapter 8Resistance to b -Lactam Antibiotics; Chapter 9Resistance to Glycopeptides Chapter 10Resistance to Other AgentsLaboratory Studies; Chapter 11Issues in the Identification andSusceptibility Testing of Staphylococci; Section IIEpidemiology of StaphylococcalInfection; Chapter 12Colonization with Staphylococcus aureus and the Role of Colonizationin Causing Infection; Chapter 13Epidemiology of Community-associatedStaphylococcus aureus Infections; Chapter 14Epidemiology of Healthcare-associatedStaphylococcus aureus Infections; Chapter 15Epidemiology of Coagulase-negativeStaphylococci and Infections Causedby these Organisms; Section IIIDiseases Caused by Staphylococci

Chapter 16 Staphylococcus aureus Bacteremia and Endocarditis  
Chapter 17 Surgical-site Infections and Surgical Prophylaxis; Chapter  
18 Infections of Intravascular Catheters and Vascular Devices; Chapter  
19 Skin and Soft Tissue Infections; Chapter 20 Central Nervous System  
Infections; Chapter 21 Diseases of the Eye; Chapter 22 Osteomyelitis and  
Other Bone and Joint Infections; Chapter 23 Staphylococcal Pneumonia;  
Chapter 24 Urinary Tract Infections; Chapter 25 Toxic Shock Syndrome;  
Chapter 26 Toxin-mediated Syndromes; Chapter 27 Staphylococcal  
Diarrhea and Enterocolitis  
Chapter 28 Infections in Immunocompromised Patients  
Chapter 29 Clinical Manifestations of Community-acquired MRSA Infections;  
Section IV Prevention and Treatment of Staphylococcal Infections;  
Chapter 30 Elimination of Staphylococcus aureus Carriage: Importance  
and Strategies; Chapter 31 Treatment of Staphylococcal Infection;  
Chapter 32 Vaccine-based Strategies for Prevention of Staphylococcus  
aureus Infection; Index; Plates

---

Sommario/riassunto

Staphylococci remain the most important cause of hospital-acquired infections in the U.S. and MRSA has become the most common cause of skin and soft tissue infection in many parts of the world. There is now a much greater understanding of the physiology and evolution of the staphylococci and this new edition reflects the rapid advancements in knowledge about this pathogen and provides a comprehensive review from both clinical and basic science perspectives. The first section addresses the basic biology of the staphylococci, their molecular genetics, host defenses and host evasion, virulence

---