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Titolo	Staphylococcus aureus infection and disease [[electronic resource] /] / edited by Allen Honeyman, Herman Friedman and Mauro Bendinelli
Pubbl/distr/stampa	New York, : Kluwer Academic, c2002
ISBN	1-280-04311-3 9786610043118 0-306-46848-4
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (351 p.)
Collana	Infectious agents and pathogenesis
Altri autori (Persone)	HoneymanAllen FriedmanHerman <1931-2007.> BendinelliMauro
Disciplina	616/.01453
Soggetti	Staphylococcus aureus infections Pathogenic microorganisms Electronic books.
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	The Regulation of Virulence in the Staphylococci -- Small Colony Variants of Staphylococcus aureus: Mechanisms for Production, Biology of Infection, and Clinical Significance -- Capsule Production -- Capsule and Vaccine Development -- Superantigen Activation of Macrophages -- Toxin Production -- Staphylococcal Enterotoxins -- Staphylococcal Extracellular/ Surface Enzymatic Activity -- Surface Protein Anchoring and Display in Staphylococci -- Pore-forming Cytolysins ? and ?- Hemolysins and Leukocidin from Staphylococcus aureus -- Osteomyelitis and Septic Arthritis -- Internalization of Staphylococcus aureus by Nonprofessional Phagocytes -- Staphylococcus aureus Mastitis -- Global Regulation of Virulence Determinants in Staphylococcus aureus.
Sommario/riassunto	Staphylococcus aureus is now acknowledged as being the most important bacterial pathogen of humans. It usually produces localized disease but can be rapidly invasive, spreading through the tissues, invading bone, and seeding the bloodstream to produce a fulminant picture of septic shock, disseminated intravascular coagulation, and

rapid death. Moreover, most strains of staph infections are becoming resistant to most antibiotics, thus posing a significant problem for hospitals and health care facilities. This book, a volume in the Infectious Agents and Pathogenesis series, presents chapters by the major researchers in the field.

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