



Staphylococcus aureus Infection and Disease

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Book Condition: New. Publisher/Verlag: Springer, Berlin | 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. | 1. The Regulation of Virulence in the Staphylococci; P.M. Dunman, S.J. Projan. 2. Small Colony Variants of Staphylococcus aureus: Mechanisms for Production, Biology of Infection and Clinical Significance; C. von Eiff, et al. 3. Capsule Production; C.Y. Lee. 4. Capsule and Vaccine Development; J.C. Lee. 5. Superantigen Activation of Macrophages; S.K. Chapes, et al. 6. Toxin Production; J.M. Yarwood, P.M. Schlievert. 7. Staphylococcal Enterotoxins; S. Zhang, G.C. Stewart. 8. Staphylococcal Extracellular/Surface Enzymatic Activity; V. Pancholi. 9. Surface Protein Anchoring and Display in Staphylococci; H. Ton-That, et al. 10. Pore Forming Cytolysins from Staphylococcus aureus , Alpha and Gamma Hemolysins, and Leukocidin;...



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