1. Record Nr. UNISALENTO991001235339707536

Autore	Bliedtner, Jurgen
Titolo	Potential theory : an analytic and probabilistic approach to balayage / Jurgen Bliedtner, Wolfhand Hansen
Pubbl/distr/stampa	Berlin : Springer-Verlag, c1986
ISBN	3540163964
Descrizione fisica	xi, 434 p. ; 25 cm.
Collana	Universitext
Classificazione	AMS 31-01 AMS 60J
Altri autori (Persone)	Hansen, Wolfhard
Disciplina	515.9
Soggetti	Potential theory (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes. Bibliography: p. [414]-428

2. Record Nr. UNINA9910349444903321

Autore	Maresso Anthony William
Titolo	Bacterial Virulence : A Conceptual Primer / / by Anthony William Maresso
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-20464-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVIII, 212 p. 117 illus., 108 illus. in color.)
Disciplina	616.014 616.9201
Soggetti	Medical microbiology Immunology Infectious diseases Medical Microbiology Infectious Diseases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. A Short History of Microbiology -- 2. The Form and Function of a Bacterial Cell -- 3. The Practice of the Microbe Hunter -- 4. Innate Immunological Defenses against Bacterial Attack -- 5. Adaptive Immunological Defenses against Bacterial Attack -- 6. The Mutagenic Tetrasect7. Bacterial Bindance: Adhesins and their Engagement to Host -- 8. Bacterial Invasion of the Host Cell -- 9. Bacterial Secretion Systems -- 10. Bacterial Protein Toxins and Effectors -- 11. The Acquisition and Consumption of Host Nutrients.-12. Biofilms -- 13. The Human Microbiome -- 14. Sepsis -- 15. Bacterial Vaccines and the Challenges Ahead -- 16. Antibiotics … and their destruction.
Sommario/riassunto	This textbook introduces in an engaging way the fundamentals of how pathogenic bacteria interact with, and are virulent within, the human host. To inspire and educate the next generation of microbe hunters, the author, Microbiologist and Scientist Anthony William Maresso, integrates the major findings of the field into a single, easy-to-understand volume emphasizing a molecular appreciation of the concepts underlying bacterial infectious diseases. The work explores

such themes as the history of Microbiology, bacterial structure and physiology, bacterial toxins, secretion systems, and adhesins, the host immune system and its battle with bacteria, biofilms, sepsis, and technologies/techniques to the present day. Fully illustrated in concept and packed with idea-provoking challenges highlighting “out-of-the-box” thinking, the work moves beyond being just a review of the scientific literature intent on equipping the next generation of Microbiologists and their teachers with the knowledge to confront, and hopefully one day defeat, the insidious microbes which undermine human health. This textbook is a resource for undergraduate, graduate, and medical students, as well as other health-oriented learners, postdoctoral scholars, basic scientists, and professors intent on expanding their knowledge of bacterial infection and virulence mechanisms.