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Descrizione fisica	1 online resource (XV, 461 p. 130 illus., 114 illus. in color.)
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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- Bacterial Virulence Factors -- Part I. Gram-Positive Bacterial Pathogens -- Bacillus spp.- Clostridium spp.- Corynebacterium spp -- Enterococcus spp -- Listeria spp -- Mycobacterium spp -- Propionibacterium spp.- Staphylococcus spp -- Streptococcus spp -- Part II. Gram-Negative Bacterial Pathogens -- Bacteroides spp -- Bordetella spp -- Borrelia spp.- Campylobacter spp -- Escherichia spp -- Francisella spp -- Haemophilus spp -- Helicobacter spp.- Klebsiella spp -- Legionella spp -- Leptospira spp -- Neisseria spp -- Nocardia spp -- Proteus spp -- Pseudomonas spp.- Rickettsia spp.- Salmonella spp -- Shigella spp -- Treponema spp -- Vibrio spp -- Yersinia spp -- Chlamydia spp -- Mycoplasma spp -- Anti-Virulence Factor Therapeutics.
Sommario/riassunto	Bacterial Pathogens and their Virulence Factors contains a detailed description of 32 major bacterial pathogens that affect human health and their associated virulence determinants. Chapter 1 gives an overview of the different types and classes of general virulence factors involved in host cell adherence and invasion, dissemination within the host, host cell damage, and evasion of host defense systems, as well as

mechanisms by which these virulence factors are regulated. Chapters 2 through 33 give concise descriptions of the disease states associated with the 32 bacterial genera and their major pathogenic species, along with an in-depth description of the individual virulence factors that have been found to be functionally involved in pathogenicity. A detailed bibliography derived from primary literature and review articles accompanies each of these chapters, allowing the reader to delve more deeply into individual pathogens and their virulence determinants. Chapter 34 discusses the exciting possibilities and initial successes of using detailed information on a pathogen's virulence toolkit to design new therapeutics aimed at specific virulence traits.