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Collana	Tropical diseases - etiology, pathogenesis and treatments Public health in the 21st century
Altri autori (Persone)	MelbourneEvelyn L
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Soggetti	Cholera Vibrio infections
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Current perspectives on the pathogenesis of vibrio cholerae Non-O1, Non-O139 / Prasanta K. Bag -- Cholera : current African perspectives / E. Madoroba -- Emergence of new virulence factors of vibrio cholera as potential vaccine candidates / Sujata Ghosh, Shalmoli Bhattacharyya -- Methods based on binding affinity of the B-subunit of cholera toxin to gangliosides in biochemistry and histology / Frantisek Smid ... [et al.] -- Quorum quenching : imminent targets in vibrio cholerae / S. Princy Adline ... [et al.] -- Vibrio cholerae biofilm and virulence gene expression : a perception towards quorum sensing / S. Princy Adline ... [et al.] -- Ability to neutralize cholera toxin of mammalian milk through expression of its receptor, ganglioside GM1 / Masao Iwamori -- The environmental reservoirs and vector of vibrio cholerae / Malka Halpern, Ido Izhaki -- Impact of climate and environmental factors on the epidemiology of vibrio cholerae in aquatic ecosystems / Violeta Trinidad Pardo Seda.
Sommario/riassunto	Cholera is a life-threatening diarrheal disease that can spread rapidly and in explosive epidemics from one region to another, affecting large numbers of people. V. cholerae, a gram-negative motile bacterium, is the causative agent of this intestinal disease. This book presents topical research from across the globe in the study of cholera; its symptoms, diagnosis and treatment. Some topics discussed, herein, include emergence of new virulence factors of vibrio cholera as

potential vaccine candidates, possible targets for quorum quenching of vibrio cholerae, the environmental reservoirs and vector of vibrio cholerae, and current African perspectives of cholera.
