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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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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 Pardio Sedas.
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. <i>V. cholerae</i> , 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.
