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Titolo	Chikungunya Virus : Advances in Biology, Pathogenesis, and Treatment // edited by Chioma M. Okeoma
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Descrizione fisica	1 online resource (X, 197 p. 39 illus., 31 illus. in color.)
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Soggetti	Virology Epidemiology Vaccines Vaccine
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Clinical Syndrome and Therapy -- Host Response and Mechanisms of Subversion of Chikungunya -- Epidemiological History of Chikungunya Virus -- Vaccines Against Chikungunya Virus Infection -- Function of Chikungunya Virus Structural Proteins -- Functions of Chikungunya Virus Nonstructural Proteins -- Interaction of Chikungunya Virus with the Mosquito Vector -- Chikungunya Virus Entry and Replication -- Chikungunya Virus-Induced Autophagy and Apoptosis -- Chikungunya Virus Pathogenesis -- Restriction Factors and Chikungunya Virus.
Sommario/riassunto	The mosquito-transmitted Chikungunya virus (CHIKV) is associated with increased morbidity and debilitating chronic musculoskeletal disease in infected humans. Aedes mosquitoes, responsible for CHIKV transmission, were previously restricted to the tropical and subtropical regions of the world but increased globalization has resulted in their worldwide spread. Currently, however, there are no vaccines or effective therapies for CHIKV infection, leaving infected people to rely on their immune system to fight the disease. Chikungunya Virus: Advances in Biology, Pathogenesis, and Treatment details the exciting discoveries that have been made in various aspects of CHIKV research, including: · epidemiology · biology · mechanisms of infection and pathogenesis · host response to infection · clinical syndromes and

therapy. Written by leading experts, the book provides a unique resource on CHIKV, intended for researchers, clinicians, educators, public health officials, and the general public.

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