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ISBN	0-12-811866-0 0-12-811865-2
Descrizione fisica	1 online resource (400 pages)
Disciplina	614.5885
Soggetti	Zika virus infection Chikungunya MEDICAL / Clinical Medicine MEDICAL / Diseases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	The origins of Chikungunya and Zika viruses -- History of the discoveries -- Chikungunya virus and Zika virus transmission cycles -- Chikungunya and Zika disease -- Emergences of Chikungunya and Zika in Africa -- Chikungunya and Zika virus in Asia -- Chikungunya virus and Zika virus in Europe -- The emergence of Chikungunya and Zika viruses in the Americas -- Viral genetics of Chikungunya virus and Zika virus and its influence in their emergence and application for public health control strategies -- Diagnostics and laboratory techniques -- Animal models for Chikungunya virus and Zika virus -- Chikungunya and Zika virus vaccines -- Chikungunya and Zika: the future.
Sommario/riassunto	Chikungunya and Zika viruses provides the primary "go-to" source for both historical and current information on these increasingly important human pathogens. Both viruses are newly emerged pathogens that have recently become established in greatly expanded global ranges, to threaten hitherto unexposed populations. Epidemics since 2004 have spread from Africa and Asia to Europe and have caused millions of cases in the Americas. The viruses have probably established

themselves in South and Central America permanently leaving millions at risk for future infection. Chikungunya virus (CHIKV) causes severe crippling arthritis and symptoms that can last for months or years. Infections with Zika virus (ZIKV) have been associated with potentially fatal neurological symptoms notably to children of women infected during pregnancy. There are no approved vaccines or specific treatments available. Chikungunya and Zika viruses contributes significantly to our understanding of these pathogens. This dedicated monograph brings this combined knowledge together to provide a single up-to-date source of information.--

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