1. Record Nr. UNINA9910727282903321

Titolo	Dengue fever a one health perspective : latest research and recent advances / / edited by Marcia Aparecida Speranca
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-80356-924-7
Descrizione fisica	1 online resource (262 pages)
Disciplina	616.9/1852
Soggetti	Dengue Hemorrhagic fever
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. History of Dengue Fever Prevalence and Management in a One Health Perspective in Hainan Island, China -- 2. Dengue Fever in Pediatrics -- 3. Reemergence of Sylvatic Dengue Virus in Southern Senegal, 2021 -- 4. Asymptomatic Dengue and Silent Transmission -- 5. Dengue Virus Surveillance and Blood Safety: A One Health Perspective -- 6. Bridging Vectors of Dengue Fever: The Endless Cycle -- 7. Dengue Virus Encephalitis -- 8. Diagnosis of Viral Families Using a Nucleic Acid Simplification Technique -- 9. Imaging in Dengue Fever -- 10. Dengue Virus Gene-Silencing Techniques: A Current Assessment -- 11. Network Formation and Analysis of Dengue Complex Network -- 12. Mapping the Dengue Cases Distribution with Google Earth Pro™, Geocoding Attributes Tables -- 13. Genomic Surveillance and Intervention on Dengue Virus in an Urban Setting in the Philippines -- 14. Dengue Reduction through Vector Control -- 15. Perspective Chapter: Hospital Disaster Management during Dengue Outbreak.
Sommario/riassunto	Dengue Fever in a One Health Perspective - Latest Research and Recent Advances presents studies on dengue fever (DF) and dengue virus (DENV) that discuss eco-epidemiology, physiopathology, and new biotechnological tools to fight against this important disease in the context of the World Health Organization's One Health strategy. The book is organized into five sections: "Epidemiological Aspects", "Environmental Aspects", "Pathogenicity", "Diagnosis and Treatment" and "Management Strategies". The chapters address topics such as DF

prevalence and management in a Chinese county, the risk of DF in American children younger than 15 years, the silent transmission of DENV by asymptomatic individuals, the use of X-ray and ultrasound to identify severe DF cases, gene-silencing techniques to investigate biological aspects of DF, viral genomic surveillance to promote early intervention in DF epidemics, and much more.