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Altri autori (Persone)	SubbaiyanAnbazhagan
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Nota di contenuto	Module 1: Viral encephalitis: Familiar infections & emerging pathogens Chapter 1: Nipah Virus: Through a pandemic lens -- Chapter 2: Is JEV the new emerging Encephalitis? -- Chapter 3: Conquering Chikungunya Virus: Global threats and Promising Solutions -- Chapter 4: Lymphocytic Choriomeningitis Virus (LCMV): Agent for neurological diseases and model for studying human viruses -- Chapter 5: WEST NILE VIRUS: A comprehensive overview of epidemiology and pathology -- Chapter 6: Herpes Simplex Virus: Insights into the emerging ocular viral infection -- Chapter 7: ZIKA VIRUS: The emerging arthropod borne virus -- Chapter 8: Enteroviruses associated with Acute Flaccid Paralysis.-Chapter 9: Unleashing the Truth: Understanding Rabies in Humans and Animals -- Chapter 10 Kunjin Virus: Insights into Emergence and Transmission Dynamics -- Chapter 11: Prion Diseases -- Module 2: Emerging Gastroenteritis viral pathogens Chapter 12: Astroviruses: Overview and emerging disease -- Chapter 13: Insights into the biology of norovirus: the so-called "perfect" human pathogen

-- Chapter 14: Understanding Norovirus : Causes, Contagion & Cure --
Chapter 15: Sapovirus: A prevalent culprit for childhood gastroenteritis
-- Chapter 16: The viral vortex: Navigating the rotavirus disease,
epidemiology and immunization -- Module 3: Emerging Viral hepatitis
Viruses Chapter 17: Waterborne & foodborne Viral Hepatitis: A
Perspective from the developing and developed countries -- Chapter
18: Narrative review of Hepatitis A virus infection -- Chapter 19:
Hepatitis B virus Infection: Current Trends in host pathogen
interactions, Diagnosis & Treatment -- Chapter 20:Hepatitis C virus
Infections: Current Trends in host pathogen interactions, Diagnosis &
Treatment -- Chapter 21:Hepatitis E virus: An ongoing enigma --
Module 4: Emerging Immuno deficiency and oncogenic Viruses Chapter
22:HIV Biology: Detailed insight into virion structural organization and
its pathogenesis -- Chapter 23:HUMAN CYTOMEGALOVIRUS: An insight
of its pathobiology and therapeutics -- Chapter 24:Epstein-Barr Virus:
emerging and re-emerging viral infectious diseases -- Chapter 25:
Molecular mechanisms of Human papillomavirus-induced Cervical
Carcinogenesis -- Chapter 26:Genetic insight of oncogenic potential of
Human Papilloma Virus -- Chapter 27:Human Adult T-Cell Leukaemia
Virus Type 1 (HTLV1) -- Chapter 28:New Era of CAR T cells for
Infectious Viral Diseases.

Sommario/riassunto

The second volume of the book Emerging Human Viral Diseases discusses pathogenesis, diagnostics, and therapeutic strategies against viral encephalitis, gastroenteritis, and human immunodeficiency viral infections. The chapters discuss symptoms, diagnostics, and preventive strategies against viral infections. The book also reviews the epidemiology and evolution of viruses causing these infections. It also examines symptoms and strategies for developing novel diagnostics and the vaccine against these viruses. Toward the end, it discusses various biosafety principles for handling emerging viruses and reviews various bioinformatics tools and databases in virology research. This timely book offers valuable resource for the scientists working in the field of emerging viral infections and those involved in preventing, controlling, and managing viral diseases. Inclusively this book will be valuable guide covering most recent scientific progress in emerging human viral diseases and management and will serve as the best resource for undergraduates, graduates, medical professionals, researchers, public health physicians, and national and international health authorities.
