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Nota di contenuto	Part 1: Emerging Respiratory Viral diseases -- Chapter 1. Factors Contributing to the Emergence of Viral Diseases -- Chapter 2. An updated review on Inuenza viruses -- Chapter 3. Avian Influenza: A Potential Threat to Human Health -- Chapter 4. 2019 Novel CoronaVirus -- Chapter 5. Severe Acute Respiratory Syndrome associated Corona Virus -- Chapter 6. Middle East respiratory syndrome coronavirus -- Chapter 7. Respiratory syncytial Virus -- Chapter 8. Human Bocavirus -- Chapter 9. Measles: The disease that refuses to be vanquished.-Part 2: Haemorrhagic Fever Viral Infections -- Chapter 10. Viral Haemorrhagic Fevers -- Chapter 11. Emerging Arbo viral infections -- Chapter 12. Dengue haemorrhagic fever: A resurgent arboviruses in human -- Chapter 13. Crimean- Congo haemorrhagic Fever (CCHF) Virus -- Chapter 14. Ebola Virus Disease: An emerging lethal disease in Africa -- Chapter 15. Hantaviruses as emergent Zoonoses: A global threat -- Chapter 16. Kyasanur Forest Disease – A neglected zoonotic disease of India -- Chapter 17. An imminence to humans and animals: The Rift Valley Fever Virus -- Chapter 18. Yellow Fever: An old scourge with new threats -- Chapter 19. Lassa Fever: An Emerging Immunodeficiency and Oncogenic Viral Infection -- Chapter 20. Lujo hemorrhagic fever -- Chapter 21. Chapare hemorrhagic fever -- Chapter 22. Bas-Congo tibrovirus --

Part 3: Laboratory Diagnosis of Viral Infections -- Chapter 23. Rapid diagnostic of emerging human viral pathogens: Lessons learnt from COVID-19 pandemic -- Chapter 24. Novel Diagnostic methods for emerging Respiratory Viral Infection.-Chapter 25. Evolution of Viral Diagnostics: a peek into time.

Sommario/riassunto

The first volume of the book-Emerging Human Viral diseases presents pathogenesis, diagnostics, and therapeutic strategies against viral respiratory and hemorrhagic fever diseases. The initial chapter discusses the underlying factors contributing to the emergence of these viral diseases. The subsequent chapters introduce structure, composition, and organization of viral genomes, and provide insight into function of important viral proteins. It also discusses the host factors that influence the outcome of viral infection and host immune response to the infections caused by these viruses. The book also discusses clinical manifestation and strategies for the prevention of virus diseases and highlights the recent technical advances in the diagnosis of virus diseases, prevention, and control strategies for viral infections. 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.
