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Nota di contenuto	1. Viral epidemics in Latin America from the 16th to the 19th centuries and the early days of virology in the region -- 2. Rotavirus Biology -- 3. Calicivirus biology -- 4. Astroviruses Biology -- 5. Molecular Epidemiology of Human Rotaviruses In Latin America -- 6. Environmental Virology -- 7. Hepatitis A and E in South America: new challenges towards prevention and control -- 8. Dengue Virus And Other Flaviviruses (Zika): Biology, Pathogenesis, Epidemiology And Vaccine Development -- 9. Alphaviruses in Latin America and the introduction of Chikungunya virus -- 10. Arenaviruses and hemorrhagic fevers: from virus discovery to molecular biology, therapeutics and prevention in Latin America -- 11. Hantavirus: general features and present situation in Latin America -- 12. Human Respiratory Syncytial Virus: biology, epidemiology and control -- 13. Influenza Viruses, Biology, Epidemiology And Control -- 14. Adenoviruses: biology and epidemiology -- 15. Measles and Rubella in the Americas: the path to elimination -- 16. Hepatitis B viruses -- 17. Molecular evolution of Hepatitis C Virus: from epidemiology to antiviral

therapy - Current research in Latin America -- 18. Hepatitis D Virus -- 19. HIV epidemiology in Latin America -- 20. Human papillomavirus research in Latin America -- 21. Rotavirus vaccines: A review of the work, progress and contributions made in Latin America -- 22. Progress For Antiviral Development In Latin America.

Sommario/riassunto

This book is a compilation of some of the most remarkable contributions made by scientists currently working in Latin America to the understanding of virus biology, the pathogenesis of virus-related diseases, virus epidemiology, vaccine trials and antivirals development. In addition to recognizing the many fine virologists working in Latin America, Human Virology in Latin America also discusses both the state-of-the-art research and the current challenges that are being faced in the region, in hopes of inspiring young scientists worldwide to become eminent virologists.
