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Nota di contenuto	Peste des Petits Ruminants: An Introduction -- The Molecular Biology of Peste des Petits Ruminants Virus -- Host susceptibility to Peste des Petits Ruminants Virus -- Pathology of Peste des Petits Ruminants -- Molecular Epidemiology of Peste des Petits Ruminants Virus -- Peste des Petits Ruminants in Unusual Hosts: Epidemiology, Disease and Impact on Eradication -- Pathology of Peste des Petits Ruminants Virus Infection in Small Ruminants and Concurrent Infections -- Current Advances in Serological Diagnosis of Peste des Petits Ruminants Virus -- Current Advances in Genome Detection of Peste des Petits Ruminants Virus -- Host Immune Responses Against Peste des Petits Ruminants Virus -- Vaccines Against Peste des Petits Ruminants Virus -- Why is Small Ruminant Health Important - Peste des Petits Ruminants and its Impact on Poverty and Economics?- Strategies and Future of Global Eradication of Peste des Petits Ruminants Virus.

Sommario/riassunto

This book offers a timely and comprehensive review of essential research on Peste des Petits Ruminants Virus (PPRV), ranging from its historical distribution, molecular epidemiology, genome structure, viral proteins, immunity, viral pathogenesis, clinical and molecular diagnosis to advances in vaccine developments and future challenges. PPRV, a Rinderpest-like virus, is the causative agent of one of the most rapidly emerging viral diseases among domestic small ruminants, and the host spectrum has now been expanded to wild small ruminants and camels. With the global eradication of the first livestock disease, Rinderpest, attention is now turning to repeating the procedure for PPR. Each of the book's 13 chapters is dedicated to a specific topic, providing up-to-date literature and discussions by renowned scientists who have made seminal contributions in their respective fields of expertise. Special emphasis has been placed on the analysis of different global efforts to eradicate PPR. This book offers a valuable reference source for virologists, field veterinarians, infection and molecular biologists, immunologists, scientists in related fields and veterinary school libraries.
