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Nota di contenuto	Chapter 1. Pseudotyped Viruses -- Chapter 2. Assays based on Pseudotyped Viruses -- Chapter 3. Application of Pseudotyped Viruses -- Chapter 4. Pseudotyped Viruses for Retroviruses -- Chapter 5. Pseudotyped Virus for Papillomavirus -- Chapter 6. Pseudotyped Viruses for Marburgvirus and Ebolavirus -- Chapter 7. Pseudotyped Viruses for Coronaviruses -- Chapter 8. Pseudotyped Viruses for Influenza -- Chapter 9. Pseudotyped Virus Systems for Studies of Henipavirus -- Chapter 10. Pseudotyped Viruses for lyssavirus -- Chapter 11. Pseudotyped Viruses for Enterovirus -- Chapter 12. Pseudotyped Viruses for Orthohantavirus -- Chapter 13. Pseudotyped Viruses for Phlebovirus -- Chapter 14. Pseudotyped Virus for Bandavirus -- Chapter 15. Pseudotyped Viruses for Mammarenavirus -- Chapter 16. Pseudotyped Viruses for the Alphavirus -- Chikungunya Virus -- Chapter 17. Pseudotyped Virus for Flaviviridae -- Chapter 18. Replicating-competent VSV-vectored Pseudotyped Viruses.
Sommario/riassunto	This book intends to report the new progress of pseudotyped viruses, including the construction of pseudotyped viruses with different strategies or vectors for most important viruses. Especially for emerging viruses, optimization of the condition and parameters for assay development based on the pseudotyped viruses and widely application as surrogate of authentic virus to study the biological

functions of virus, detection of neutralizing antibody, screening viral entry inhibitors, and others. It includes most pseudotyped viruses that have the protein of the target virus on the surface of the parent virus with incomplete genome. The book is likely to be of interest to all researchers in the field of virology, vaccine, and anti-viral drug development and evaluation.
