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Altri autori (Persone)	DuboviEdward J FennerFrank <1914-2010.> MaclachlanNigel James
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Nota di contenuto	Front Cover; Fenner's Veterinary Virology; Copyright Page; Contents; Contributors; Acknowledgments; Part I: The Principles of Veterinary and Zoonotic Virology; Chapter 1. The Nature of Viruses; Introduction: A Brief History of Animal Virology; Characteristics of Viruses; Viral Morphology; Viral Taxonomy; Chapter 2. Virus Replication; Growth of viruses; Virus Replication; Quantitative Assays of Viruses; Special Case of Defective Interfering Mutants; Chapter 3. Pathogenesis of Viral Infections and Diseases Interplay of Viral Virulence and Host Resistance, or Susceptibility Factors in Expression of Viral DiseasesMechanisms of Viral Infection and Virus Dissemination; Mechanisms of Viral Injury and Disease; Virus-Induced Neoplasia; Chapter 4. Antiviral Immunity and Prophylaxis; Host Immunity to Viral Infections; Viral Mechanisms of Avoidance and Escape; Vaccines and Vaccination Against Viral Diseases; Other Strategies for Antiviral Prophylaxis and Treatment; Viruses as Vectors for Gene Therapy; Chapter 5. Laboratory Diagnosis of Viral Infections; Rationale for Specific Diagnosis

Collection, Packaging, and Transport of Specimens; Diagnosis of Viral Infections by Gross Evaluation and Histopathology; Methods of Detection of Viruses; Nucleic Acid (Viral Genomic) Sequencing; Detection and Quantitation of Virus-Specific Antibodies (Serologic Diagnosis); Interpretation of Laboratory Findings; Chapter 6. Epidemiology and Control of Viral Diseases; Epidemiology of Viral Infections; Emerging Viral Diseases; Surveillance, Prevention, Control, and Eradication of Viral Diseases; Part II: Veterinary and Zoonotic Viruses; Chapter 7. Poxviridae; Properties of Poxviruses; Members of the Genus Orthopoxvirus; Members of the Genus Capripoxvirus; Members of the Genus Suipoxvirus; Members of the Genus Leporipoxvirus; Members of the Genus Molluscipoxvirus; Members of the Genus Yatapoxvirus; Members of the Genus Avipoxvirus; Members of the Genus Parapoxvirus; Poxviruses of Fish; Other Poxviruses; Chapter 8. Asfarviridae and Iridoviridae; Members of the Family Asfarviridae; Members of the Family Iridoviridae; Chapter 9. Herpesvirales; Properties of Herpesviruses; Members of the Family Herpesviridae, Subfamily Alphaherpesvirinae; Members of the Family Herpesviridae, Subfamily Betaherpesvirinae; Members of the Family Herpesviridae, Subfamily Gammaherpesvirinae; Unassigned Members of the Family Herpesviridae; Members of Families Alloherpesviridae and Malacoherpesviridae; Chapter 10. Adenoviridae; Properties of Adenoviruses; Members of the Genus Mastadenovirus; Members of the Genus Aviadenovirus; Members of the Genus Atadenovirus; Members of the Genus Siadenovirus; Other Adenoviruses; Chapter 11. Papillomaviridae and Polyomaviridae; Members of the Family Papillomaviridae; Members of the Family Polyomaviridae; Chapter 12. Parvoviridae

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### Sommario/riassunto

Fenner's *Veterinary Virology* 4e, is the long awaited new edition of *Veterinary Virology*, 3e, which was published in 1999. Fully revised and updated by the new author team, part I presents the fundamental principles of virology related to animal infection and disease, and part II addresses the clinical features, pathogenesis, diagnosis, epidemiology and prevention of individual diseases. New to this Edition\* New author team - one main author to ensure that the book reads like an authored book but with the benefit of using experts to contribute to specific topics\*

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