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Replication; Overview of Virus Replication; Investigation of Virus Replication; The Replication Cycle; Summary; Further Reading; Chapter 5. Expression; Expression of Genetic Information; Control of Prokaryote Gene Expression; Control of Expression in Bacteriophage ?; Control of Eukaryote Gene Expression; Transcriptional Control of Expression; Posttranscriptional Control of Expression; Summary; Further Reading; Chapter 6. Infection; Virus Infections of Plants; Immune Responses to Virus Infections in Animals; Viruses and Apoptosis  
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Evasion of Immune Responses by Viruses; Virus?host Interactions; The Course of Virus Infections; Virus Vectors and Gene Therapy; Chemotherapy of Virus Infections; Summary; Further Reading; Chapter 7. Pathogenesis; Mechanisms of Cellular Injury; Viruses and Immunodeficiency; Virus-Related Diseases; Bacteriophages and Human Disease; Cell Transformation by Viruses; Viruses and Cancer; New and Emergent Viruses; Zoonoses; Bioterrorism; Summary; Further Reading; Chapter 8. Subviral Agents: Genomes Without Viruses, Viruses Without Genomes; Satellites and Viroids; Prions; Summary  
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Appendix 1. Glossary And Abbreviations; Appendix 2. Classification of Subcellular Infectious Agents; Appendix 3. The History Of Virology; Index

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#### Sommario/riassunto

Principles of Molecular Virology, Fourth Edition provides an essential introduction to modern virology in a clear and concise manner. It is a highly enjoyable and readable text with numerous illustrations that enhance the reader's understanding of important principles.\* New material on virus structure, virus evolution, zoonoses, bushmeat, SARS and bioterrorism \* Standard version includes CD-ROM with FLASH animations, virtual interactive tutorials and experiments, self-assessment questions, useful online resources, along with the glossary, classification of subcellular infect

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