



Principles of Molecular Virology

By Department of Microbiology and Immunology Alan J Cann

Elsevier Science Publishing Co Inc, United States, 2011.
Paperback. Book Condition: New. 5th Revised edition. 234 x 190 mm. Language: English . Brand New Book. Principles of Molecular Virology, Fifth Edition, provides an introduction to modern virology. Viruses are submicroscopic, obligate intracellular parasites that are more diverse than all the bacterial, plant, and animal kingdoms combined. The book examines protein-protein, protein-nucleic acid, and protein-lipid interactions, which control the structure of virus particles; the ways in which viruses infect cells; how viruses replicate; and the effects of virus infection on host organisms. The book begins with a history of virology, tracing the development of knowledge and research on virology. The remaining seven chapters deal with the function and formation of virus particles; the structure and complexity of virus genomes; virus replication; gene expression; virus infections; the effects of virus infection on the body and the body's response to infection; and subviral agents, such as satellites, viroids, and prions. The text concludes with three appendices that feature a glossary and abbreviations; a classification of subcellular infectious agents; and an outline of the history of virology. * Completely rewritten and updated* Clear and easy to understand* Examples covering important ideas in virology*...



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Reviews

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