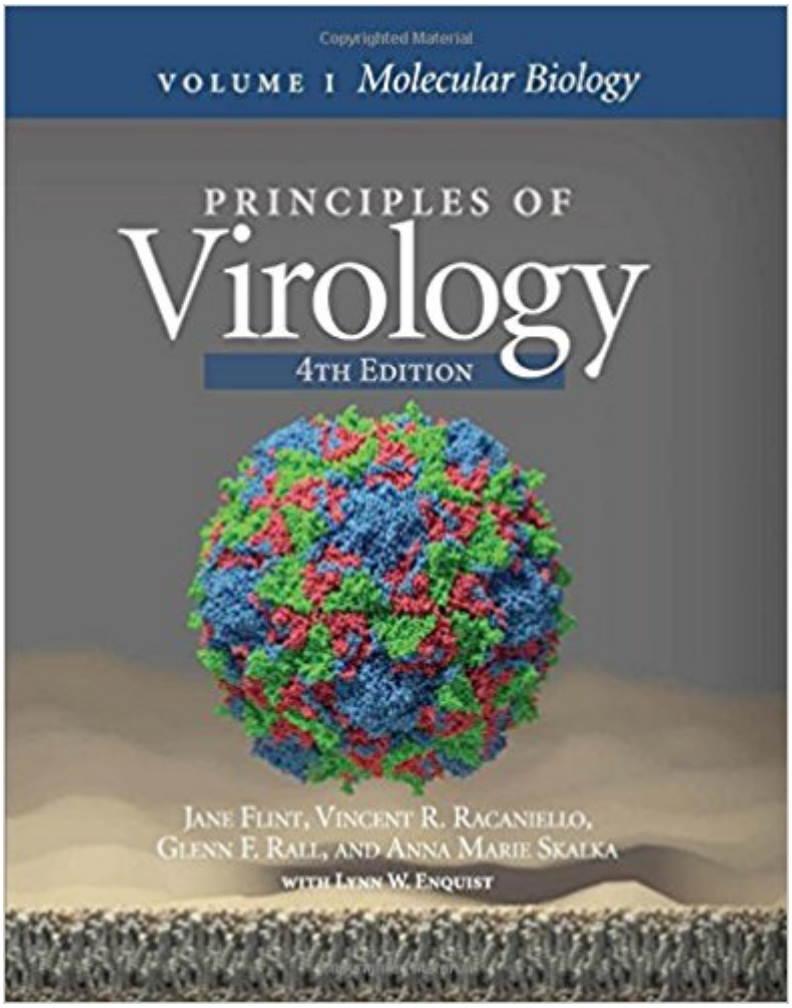
Principles Of Virology: Volume 1 Molecular Biology



Synopsis

Principles of Virology is the leading virology textbook because it does more than collect and present facts about individual viruses. Instead, it facilitates an understanding of basic virology by examining the shared processes and capabilities of viruses. Using a set of representative viruses to present the complexity and diversity of a myriad of viruses, this rational approach enables students to understand how reproduction is accomplished by known viruses and provides the tools for future encounters with new or understudied viruses. This fully updated edition represents the rapidly changing field of virology. A major new feature is the inclusion of 26 video interviews with leading scientists who have made significant contributions to the field of virology. Applicable courses: undergraduate courses in virology and microbiology as well as graduate courses in virology and infectious diseases.

Book Information

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Customer Reviews

"Principles of Virology is an extremely valuable and highly informative textbook that describes virology at the interface of modern cell biology. Instead of teaching virus groups individually, the authors elegantly compile the molecular and cell biological aspects that orchestrate virus replication in general and how infections with these pathogens cause cell damage and diseases. As a teacher of Master students in Biosciences and in human medicine, I highly recommend this textbook.Ã¢â ¬Â• Ã¢â •â ¬ Ralf Bartenschlager, Department Head and Professor, Molecular Virology, University of Heidelberg

Jane Flint is a Professor of Molecular Biology at Princeton University. Dr. Flint's research focuses on investigation of the molecular mechanisms by which gene products of adenoviruses modulate host cell pathways and anti-viral defenses to allow efficient reproduction in normal human cells.Vincent Racaniello is Higgins Professor of Microbiology & Immunology at Columbia University Medical Center. Dr. Racaniello has been studying viruses for over 35 years, including poliovirus, rhinovirus, enteroviruses, and hepatitis C virus. Dr. Racaniello blogs about viruses at virology.ws and is host of the popular science program This Week in Virology.

A very enlightening book about scary viruses. It had a very nice diagram of the HIV replication mechanism that helped me score the highest grade on our exam.

Excellent book for understanding the basic concepts of the viral world and very usefull research techniques. I am a graduate student and so far it has been a great book to use.

Excellent book for teachers and university studetns

for Kids (Children’s Biology Books) Virology: Principles and Applications