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VOLUME 1 Molecular Biology

PRINCIPLES OF

Book info:

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Book 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.

Recommendations:

Review quote

"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." â Ralf Bartenschlager, Department Head and Professor, Molecular Virology, University of Heidelberg -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.- â Ralf Bartenschlager, Department Head and Professor, Molecular Virology, University of Heidelberg