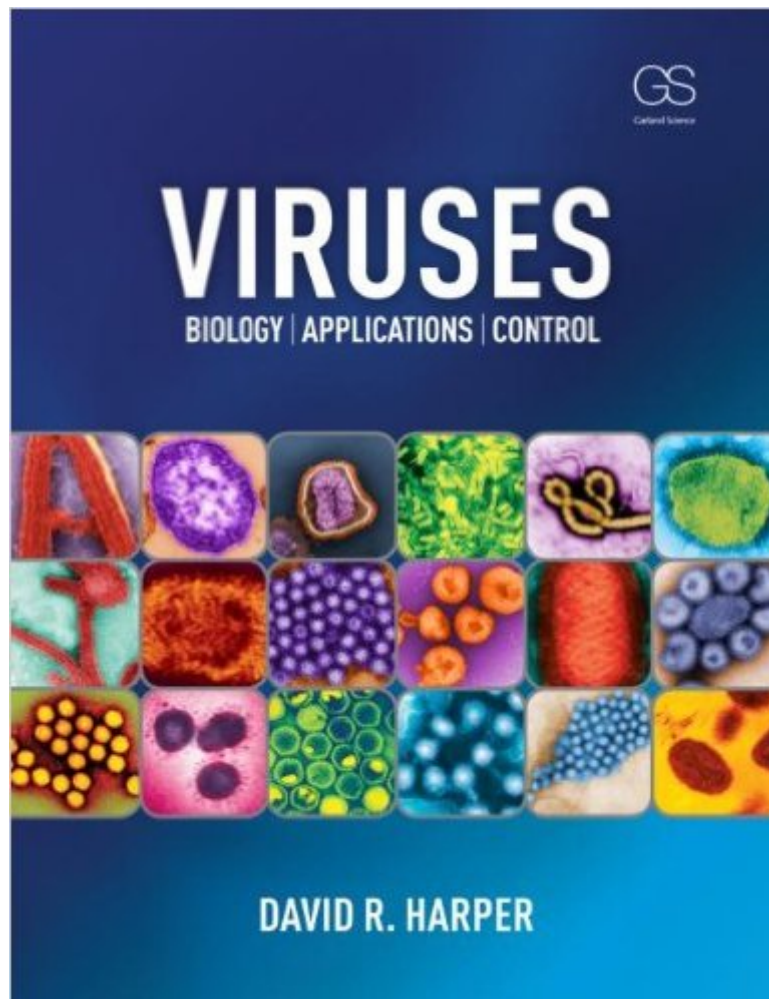


The book was found

Viruses: Biology, Applications, And Control



Synopsis

Viruses: Biology, Application, and Control is a concise textbook for advanced undergraduate and graduate students covering the essential aspects of virology included in biomedical science courses. It is an updated and expanded version of David Harper's™s Molecular Virology, Second Edition. Focusing on key mechanisms and developments, Viruses presents many new recent scientific advances, including virus evolution, emerging infections, virus extinction, control of infections, antiviral drugs, gene therapy, bacteriophage therapy, and diagnostics. The first chapters introduce the reader to the structure and nature of viruses, including their classification and evolution. As viruses cause widespread and serious disease, the ensuing chapters explain how they interact with the immune system and the different ways we try to defeat them: vaccines, antiviral drugs, and immunotherapy. Laboratory methods for viral detection and laboratory diagnosis are also covered. While viruses do cause disease, many do not, and their special biology means they can have beneficial uses, and this aspect of viruses is emphasized. One of the most interesting areas in virology, given extensive coverage here, is how new viruses emerge and establish themselves. Viruses: Biology, Application, and Control is a rigorous treatment of the molecular side of virology and its conceptual approach makes it an essential text for students and non-specialists.

Book Information

Paperback: 346 pages

Publisher: Garland Science; 1 edition (June 6, 2011)

Language: English

ISBN-10: 0815341504

ISBN-13: 978-0815341505

Product Dimensions: 8.3 x 0.5 x 10.8 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #1,257,336 in Books (See Top 100 in Books) #49 in Books > Medical Books > Basic Sciences > Virology #353 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Microbiology #466 in Books > Medical Books > Basic Sciences > Cell Biology

Customer Reviews

For decades I've been waiting for the perfect intro to viruses and now it's here! Several authors and publishers have attempted this on the introductory/undergrad level, but no one has ever really succeeded. Harper's strengths: clear nontechnical language, concise and compact format,

beautifully illustrated, appealing layout, current facts, study questions, internet sources, Appendix I: replication cycles/strategies of major virus families, perfect for reference and visual learning! Appendix II: viral drugs in tabular form including names, target, mode of action, formulas - a combined textbook and reference. All in all, an excellent didactical approach - great job by author and publisher! TCH Cole, Heidelberg

Good condition Bought it when it was on sale

Not very detailed at all. I am VERY surprised this book is being used in a graduate course. Personally, I couldn't see this being used in any biology (major) undergraduate course either. I've seen more detail of viruses in terms of replication and virulence in molecular biology books than what I've seen in this.

[Download to continue reading...](#)

Biology: The Ultimate Self Teaching Guide - Introduction to the Wonderful World of Biology - 3rd Edition (Biology, Biology Guide, Biology For Beginners, Biology For Dummies, Biology Books)
Viruses: Biology, Applications, and Control Quantitative Viral Ecology: Dynamics of Viruses and Their Microbial Hosts (Monographs in Population Biology) Plant Virology Protocols: New Approaches to Detect Viruses and Host Responses (Methods in Molecular Biology) How to Control Orchid Viruses: The Complete Guidebook Virus Ground Zero: Stalking the Killer Viruses with the Centers for Disease Control Adaptation in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence NLP: Neuro Linguistic Programming: Re-program your control over emotions and behavior, Mind Control - 3rd Edition (Hypnosis, Meditation, Zen, Self-Hypnosis, Mind Control, CBT) Hacking: Viruses and Malware, Hacking an Email Address and Facebook page, and more! Cyber Security Playground Guide Peak Immunity: How to Fight Epstein-Barr Virus, Candida, Herpes Simplex Viruses and Other Immuno-Depressive Conditions and Win Dr. Mary's Monkey: How the Unsolved Murder of a Doctor, a Secret Laboratory in New Orleans and Cancer-Causing Monkey Viruses Are Linked to Lee Harvey ... Assassination and Emerging Global Epidemics Level 4: Virus Hunters of the CDC - Tracking Ebola and the World's Deadliest Viruses Bats and Viruses: A New Frontier of Emerging Infectious Diseases Deadly Outbreaks: How Medical Detectives Save Lives Threatened by Killer Pandemics, Exotic Viruses, and Drug-Resistant Parasites Lesser Known Large dsDNA Viruses (Current Topics in Microbiology and Immunology) Absolute Beginner's Guide to Security, Spam, Spyware & Viruses Microsoft Windows Repair Book- ALL VERSIONS: Remove Viruses & Passwords in Minutes!! A

Planet of Viruses: Second Edition Virus Taxonomy: Ninth Report of the International Committee on Taxonomy of Viruses Neuropilin: From Nervous System to Vascular and Tumor Biology (Advances in Experimental Medicine and Biology)

[Dmca](#)