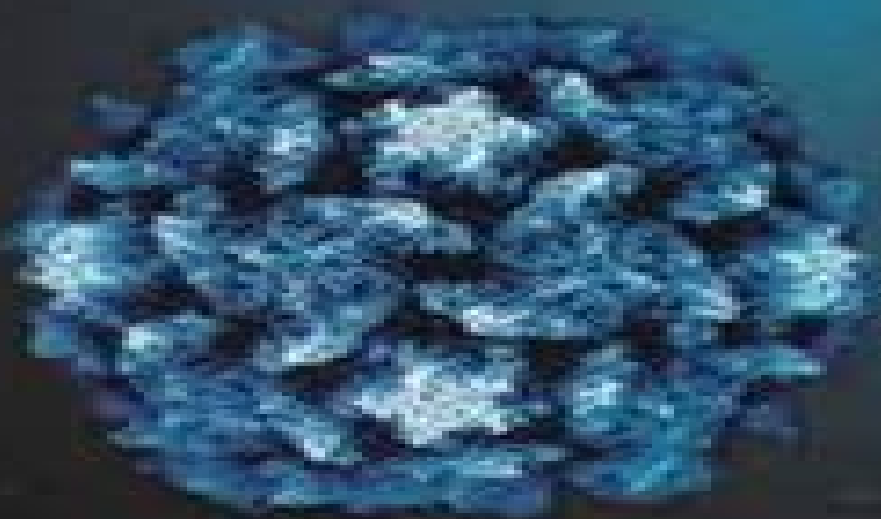

PRINCIPLES OF
VIROLOGY

Molecular Biology,
Pathogenesis, and Control



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Principles Of Virology Molecular Biology Pathogenesis And Control

Susannah Cahalan



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Understanding Viruses Teri Shors, 2009 Combining the molecular clinical and historical aspects of virology *Understanding Viruses* is a textbook for the modern undergraduate virology course The text provides an introduction to human viral diseases Additional chapters on viral diseases of animals the history of clinical trials gene therapy and xenotransplantation prions and viroids plant viruses and bacteriophages add to the coverage Jacket Medical Microbiology, with STUDENT CONSULT Online Access, 7 Patrick R. Murray, Ken S. Rosenthal, Michael A. Pfaller, 2013-01-01 The new edition of this popular text presents microbiology in a succinct easy to use and engaging manner Clear discussions explain how microbes cause disease in humans and review the updated vaccines and new antibiotics currently available to treat these diseases Expert coverage of basic principles the immune response laboratory diagnosis bacteriology virology mycology and parasitology ensures that you'll understand all the facts vital to the practice of medicine today A revised artwork program illustrates the appearance of disease simplifying complex information while text boxes and additional summary tables emphasize essential concepts and learning issues for more efficient exam review Online access to Student Consult where you'll find the complete contents of the book fully searchable Integration Links to bonus content in other Student Consult titles updated features for both students and instructors and much more further enhances your study and exponentially boosts your reference power Focuses on why the biologic properties of organisms are important to disease in humans equipping you with a practical understanding of microbiology Examines etiology epidemiology host defenses identification diagnosis prevention and control for each microbe in consistently organized chapters enabling you to find the information you need fast Features summary tables and text boxes that emphasize essential concepts and learning issues enabling you to make your exam review more efficient Correlates basic science with clinical practice through review questions at the end of each chapter to help you understand the clinical relevance of the organisms examined Uses clinical cases from literature reports to illustrate the epidemiology diagnosis and treatment of infectious diseases Features revised artwork more than 635 brilliant images nearly all in full color that offers a more consistent and modern approach to the study

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Viruses and Human Disease Ellen G. Strauss, James H. Strauss, 2007-09-21 Completely revised and updated the new edition of this groundbreaking text integrates basic virology with pathophysiological conditions to examine the connection between virology and human disease Most virology textbooks focus on the molecular biology involved without adequate reference to physiology This text focuses on viruses that infect humans domestic animals and vertebrates and is based on extensive course notes from James Strauss virology class at the California Institute of Technology taught for over 30 years Expertly depicting in color the molecular structure and replication of each virus it provides an excellent overview for students and professionals interested in viruses as agents of human disease Includes over 30% new material virtually all of the figures and tables have been redrawn to include the latest information and the text has been extensively rewritten to include the most up to date information Includes a new chapter on emerging and reemerging viral diseases such as avian flu SARS the spread of West Nile virus across America and the continuing spread of Nipah virus in Southeast Asia Further reading sections at the end of each chapter make it easy find key references World maps depicting the current distribution of existing and newly emerging viruses are also incorporated into the text

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