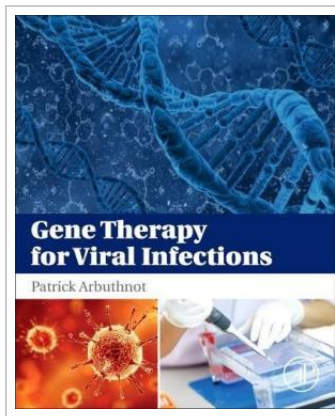




Gene Therapy for Viral Infections

By Arbuthnot, Patrick

Condition: New. Publisher/Verlag: Academic Press | Gene Therapy for Viral Infections provides a comprehensive review of the broader field of nucleic acid and its use in treating viral infections. The text bridges the gap between basic science and important clinical applications of the technology, providing a systematic, integrated review of the advances in nucleic acid-based antiviral drugs and the potential advantages of new technologies over current treatment options. Coverage begins with the fundamentals, exploring varying topics, including harnessing RNAi to silence viral gene expression, antiviral gene editing, viral gene therapy vectors, and non-viral vectors. Subsequent sections include detailed coverage of the developing use of gene therapy for the treatment of specific infections, the principles of rational design of antivirals, and the hurdles that currently face the further advancement of gene therapy technology. Provides coverage of gene therapy for a variety of infections, including HBV, HCV, HIV, hemorrhagic fever viruses, and respiratory and other viral infections. Bridges the gap between the basic science and the important medical applications of this technology. Features a broad approach to the topic, including an essential overview and the applications of gene therapy, synthetic RNA, and other antiviral strategies that involve nucleic acid engineering. Presents perspectives on the future use of nucleic...



READ ONLINE
[6.5 MB]

Reviews

The book is simple in read through safer to understand. I could comprehend everything out of this published e pdf I discovered this book from my i and dad advised this pdf to learn.

-- **Maud Kulas I**

An extremely wonderful ebook with lucid and perfect explanations. I was able to comprehend almost everything using this composed e publication. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Kimberly Carroll**