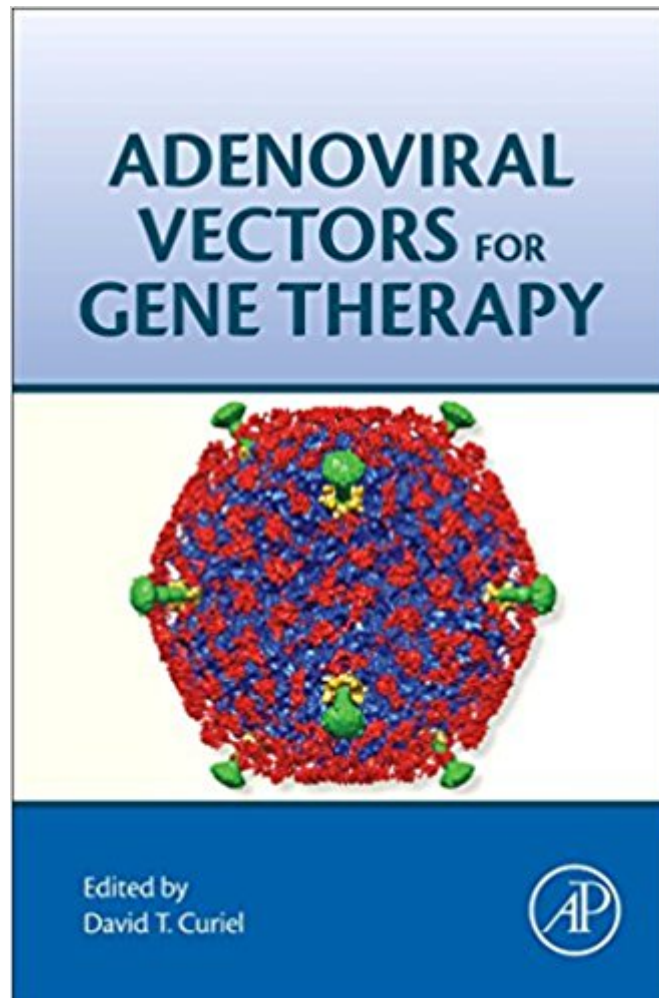




Ebook Directory
the best source of ebook

The book was found

Adenoviral Vectors For Gene Therapy, Second Edition



Synopsis

Adenoviral Vectors for Gene Therapy, Second Edition provides detailed, comprehensive coverage of the gene delivery vehicles that are based on the adenovirus that is emerging as an important tool in gene therapy. These exciting new therapeutic agents have great potential for the treatment of disease, making gene therapy a fast-growing field for research. This book presents topics ranging from the basic biology of adenoviruses, through the construction and purification of adenoviral vectors, cutting-edge vectorology, and the use of adenoviral vectors in preclinical animal models, with final consideration of the regulatory issues surrounding human clinical gene therapy trials. This broad scope of information provides a solid overview of the field, allowing the reader to gain a complete understanding of the development and use of adenoviral vectors. Provides complete coverage of the basic biology of adenoviruses, as well as their construction, propagation, and purification of adenoviral vectors. Introduces common strategies for the development of adenoviral vectors, along with cutting-edge methods for their improvement. Demonstrates noninvasive imaging of adenovirus-mediated gene transfer. Discusses utility of adenoviral vectors in animal disease models. Considers Federal Drug Administration regulations for human clinical trials.

Book Information

Hardcover: 868 pages

Publisher: Academic Press; 2 edition (April 20, 2016)

Language: English

ISBN-10: 012800276X

ISBN-13: 978-0128002766

Product Dimensions: 6 x 2.1 x 9 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #363,465 in Books (See Top 100 in Books) #144 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Oncology #162 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Infectious Diseases #254 in Books > Medical Books > Medicine > Internal Medicine > Pathology > Diseases > Viral

Customer Reviews

Adenoviral Vectors for Gene Therapy, Second Edition provides detailed, comprehensive coverage of the gene delivery vehicles, based on the adenovirus, emerging as important tools in gene therapy. These exciting new therapeutic agents have great potential for the treatment of disease,

making gene therapy a fast-growing field for research. This book presents topics ranging from the basic biology of adenoviruses, through the construction and purification of adenoviral vectors, cutting-edge vectorology, and the use of adenoviral vectors in preclinical animal models, with final consideration of the regulatory issues surrounding human clinical gene therapy trials. The broad scope of information provides a solid overview of the field, allowing the reader to gain a complete understanding of the development and use of adenoviral vectors.

David T. Curiel, M.D., Ph.D. is the Director of the Cancer Biology Division of the Department of Radiation Oncology at Washington University School of Medicine. Dr. Curiel graduated medical school at Emory University in 1982, where he also completed his internship and residency in Internal Medicine. Dr. Curiel's scientific training includes tenureship at the National Institutes of Health in Bethesda, Maryland at the Pulmonary Branch of the Heart and Lung, and Blood Institute (NHLBI) from 1985-1989, and a fellowship in Biotechnology at the National Cancer Institute, Navy Medical Oncology Branch from 1989-1990. He received his Ph.D. from University of Groningen in The Netherlands in 2002. Dr. Curiel has been at Washington University School of Medicine since 2011. In addition to his role as Director of the Cancer Biology Division, he is Director of the Biologic Therapeutics Center.

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

Adenoviral Vectors for Gene Therapy, Second Edition Gene Simmons Coloring Book: Glam Rock and Kiss Guitarist Facepaint Pioneer and Pyro Showman Inspired Adult Coloring Book (Gene Simmons Books) Speech Therapy for Kids : Techniques and Parents Guide for Speech Therapy (speech therapy, speech therapy materials) Calculus: Early Vectors, Preliminary Edition The Forever Fix: Gene Therapy and the Boy Who Saved It The Gene Therapy Plan: Taking Control of Your Genetic Destiny with Diet and Lifestyle Gene Therapy (Medical Marvels) Genetic Testing and Gene Therapy (The Biotechnology Revolution) Vectors, Tensors and the Basic Equations of Fluid Mechanics (Dover Books on Mathematics) Vectors to Spare: The Life of an Air Traffic Controller Structural Geology Algorithms: Vectors and Tensors Vectors and Tensors By Example: Including Cartesian Tensors, Quaternions, and Matlab Examples Geometrical Vectors (Chicago Lectures in Physics) Combinatorics: Set Systems, Hypergraphs, Families of Vectors and Combinatorial Probability Transformations Of Coordinates, Vectors, Matrices And Tensors Part I: LAGRANGE'S EQUATIONS, HAMILTON'S EQUATIONS, SPECIAL THEORY OF RELATIVITY AND CALCULUS ... Mathematics From 0 And 1 Book 16) A Student's Guide to Vectors and Tensors Arthropods as Vectors of Emerging Diseases (Parasitology Research

Monographs) Treating Psychosis: A Clinician's Guide to Integrating Acceptance and Commitment Therapy, Compassion-Focused Therapy, and Mindfulness Approaches within the Cognitive Behavioral Therapy Tradition Light Therapy: Teach Me Everything I Need To Know About Light Therapy In 30 Minutes (Light Therapy - Season Affective Disorder - SAD - Vitamin D) Basic Clinical Massage Therapy: Integrating Anatomy and Treatment Second Edition (LWW Massage Therapy and Bodywork Educational Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)