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Altri autori (Persone)	ZolotukhinSergei HerzogRoland W
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Nota di contenuto	Preface; Contents; Contributors; 1. Non-Viral Gene Therapy Sean M. Sullivan; 2. Adenoviral Vectors Stuart A. Nicklin and Andrew H. Baker; 3. Retroviral Vectors and Integration Analysis Cynthia C. Bartholomae, Romy Kirsten, Hanno Glimm, Manfred Schmidt and Christof von Kalle; 4. Lentiviral Vectors Janka Matrai, Marinee K. L. Chuah and Thierry VandenDriessche; 5. Herpes Simplex Virus Vectors William F. Goins, David M. Krisky, James B. Wechuck, Darren Wolfe, Justus B. Cohen and Joseph C. Glorioso; 6. Adeno-Associated Viral (AAV) Vectors Nicholas Muzyczka 7. Regulatory RNA in Gene Therapy Alfred. S. Lewin8. DNA Integrating Vectors (Transposon, Integrase) Lauren E. Woodard and Michele P. Calos; 9. Homologous Recombination and Targeted Gene Modification for Gene Therapy Matthew Porteus; 10. Gene Switches for Pre-Clinical Studies in Gene Therapy Caroline Le Guiner, Knut Stieger, Alice Toromanoff, Fabienne Rolling, Philippe Moullier and Oumeya Adjali; 11. Gene Therapy for Central Nervous System Disorders Deborah Young and Patricia A. Lawlor; 12. Gene Therapy of Hemoglobinopathies Angela E. Rivers and Arun Srivastava 13. Gene Therapy for Primary Immunodeficiencies Aisha Sauer, Barbara

Cassani and Alessandro Aiuti14. Gene Therapy for Hemophilia David Markusic, Babak Moghimi and Roland Herzog; 15. Gene Therapy for Obesity and Diabetes Sergei Zolotukhin and Clive H. Wasserfall; 16. Gene Therapy for Duchenne Muscular Dystrophy Takashi Okada and Shin'ichi Takeda; 17. Cancer Gene Therapy Kirsten A.K. Weigel-Van Aken; 18. Gene Therapy for Autoimmune Disorders Daniel F. Gaddy, Melanie A. Ruffner and Paul D. Robbins; 19. Gene Therapy for Inherited Metabolic Storage Diseases Cathryn Mah
20. Retinal Diseases Shannon E. Boye, Sanford L. Boye and William W. Hauswirth21. A Brief Guide to Gene Therapy Treatments for Pulmonary Diseases Ashley T. Martino, Christian Mueller and Terence R. Flotte; 22. Cardiovascular Disease Darin J. Falk, Cathryn S. Mah and Barry J. Byrne;
Index

Sommario/riassunto

Ever since the birth of molecular biology, the tantalizing possibility of treating disease at its genetic roots has become increasingly feasible. Gene therapy - though still in its infancy - remains one of the hottest areas of research in medicine. Its approach utilizes a gene transfer vehicle (vector) to deliver therapeutic DNA or RNA to cells of the body in order to rectify the defect that is causing the disease. Successful therapies have been reported in humans in recent years such as cures in boys with severe immune deficiencies. Moreover, gene therapy strategies are being adapted in nume

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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; List of Figures; List of Tables; 1. Introduction; Part I. Conceptual Issues, Principles, and Approaches; Part II. Developmental Perspectives; Part III. Institutions and Processes; Part IV. Public Policies; Index
Sommario/riassunto	Comparative federalism is now an important topic, with scholarly work comparing the US and EU 'proliferating rapidly'. The present volume seeks to build on and contribute to this growing literature, by developing a systematic comparison of the institutions, policies and developmental patterns of the European Union and the United States. - ;The Convention on the Future of Europe served to galvanize debate about the nature and future developmental trajectory of the European Union. More specifically, it engendered discussion over the degree to which the process resembled that which had occurred i