Record Nr. UNINA9910956064203321 Autore Clark William R. <1938-> Titolo The new healers: the promise and problems of molecular medicine in the twenty-first century / / William R. Clark Pubbl/distr/stampa New York,: Oxford University Press, 1997 New York:,: Oxford University Press,, 1999 ©1997 **ISBN** 1-280-53522-9 9786610535224 0-19-977450-1 Edizione [[First paperback edition]] Descrizione fisica 1 online resource (ix, 245 pages): illustrations Disciplina 616/.042 Soggetti Gene therapy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references (p. [233]-236) and index. Nota di bibliografia Nota di contenuto Cover; Contents; Prologue; 1. In the Beginning: The Discovery of Genes; 2. Cystic Fibrosis; 3. DNA and the Language of Genes; 4. Severe Combined Immunodeficiency Disease; 5. The Isolation, Cloning, and Transfer of Human Genes: 6. The Journey Begins: The Clinical Trials for ADA-SCID; 7. The Clinical Trials for Cystic Fibrosis; 8. Gene Therapy for Monogenic Disorders: What Have We Learned, and Where Are We Going?; 9. Gene Therapy for Cancer; 10. Molecular Medicine and AIDS; 11. Naked DNA: The Vaccine of the Future; 12. The Human Genome Project; 13. The Ethics of Molecular Medicine; Further Reading; Glossary Sommario/riassunto Science and medicine have provided us with clues to the treatment of a few genetic diseases, although by their very nature they have never been considered curable. But, as William R. Clark shows, that is about to change through one of the most profound revolutions in modern medicine: gene therapy, a branch of the new field of molecular medicine. Clark takes us to the laboratories which have been able to isolate human genes, to make billions of copies of them, and to reintroduce healthy genes into unfortunate individuals who have

inherited damaged or functionless genes.