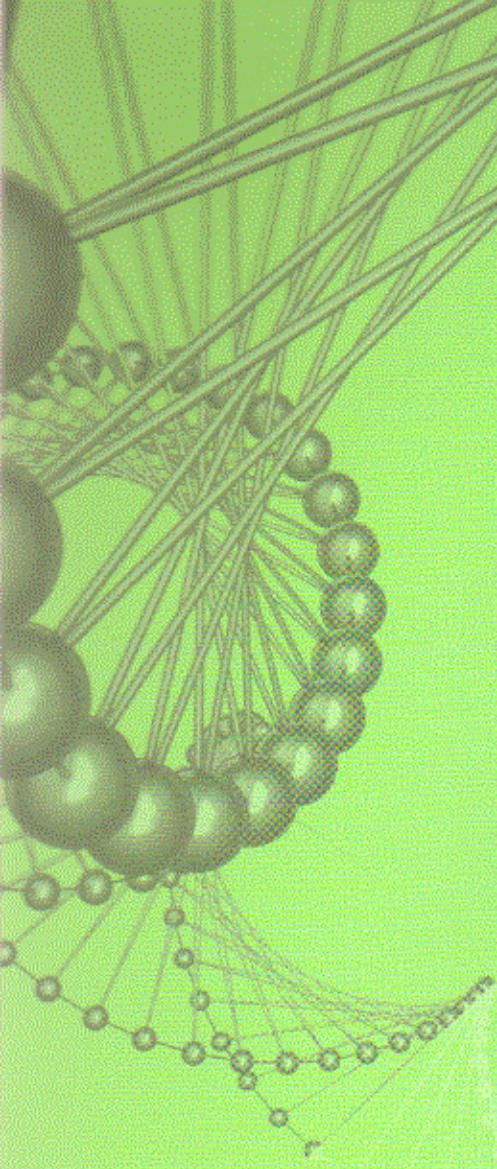




This unique advanced textbook provides a clear and comprehensive description of the field of gene delivery, gene therapy and genetic pharmacology, with descriptions of the main gene transfer vectors and a set of selected therapeutic applications, along with safety considerations.

The use of gene transfer is exponentially growing in the scientific and medical communities for day-to-day cell biology experiments and swift development of revolutionary gene therapy strategies. In this advanced textbook, more than 25 leading scientists, world-renowned in their respective fields, come together to provide a clear and comprehensive description of gene delivery, gene therapy and genetic pharmacology.

This educational introduction to the main gene transfer vectors and selected therapeutic applications provides the background material needed to further explore the subject as well as relevant research literature. It will thus be invaluable to Master, PhD or MD students, post-doctoral scientists or medical doctors, as well as any scientist wishing to deliver a gene or synthetic nucleotide, or develop a gene therapy strategy. Furthermore, the textbook's simple and synthetic content will be of value to any reader interested in the biological and medical revolution derived from the elucidation of the human genome.

Advanced Textbook on
**Gene Transfer,
Gene Therapy and
Genetic Pharmacology**

Principles, Delivery and Pharmacological and
Biomedical Applications of Nucleotide-Based Therapies

Imperial College Press

www.icpress.co.uk

P820 sc

ISBN 978-1-90077-28-1 (pbk)



9 781908 977281