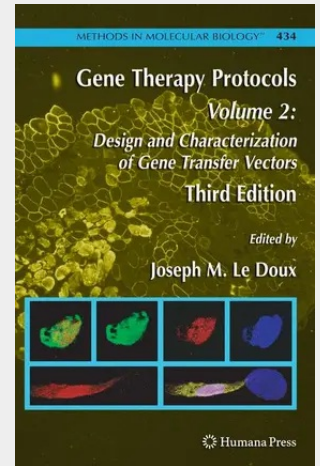


Gene Therapy Protocols

Volume 2: Design and Characterization of Gene Transfer Vectors

In Gene Therapy Protocols, Volumes 1 & 2, internationally recognized investigators describe cutting-edge laboratory techniques for the study of Production and In Vivo Applications of Gene Transfer Vectors (Volume 1) and Design and Characterization of Gene Transfer Vectors (Volume 2). The field of gene therapy has undergone remarkable advances, promising to impact human healthcare significantly in the twenty-first century. Today's technologies can deliver genetic material safely and effectively to cells to slow or halt the progression of disease, and to help repair or regenerate damaged or lost tissues. In this second volume of Gene Therapy Protocols: Design and Characterization of Gene Transfer Vectors, readers will find a comprehensive resource of current and emerging methods for the processing and characterization of viral and non-viral gene transfer vectors, as well as promising approaches to design vectors for efficient, targeted and regulated gene delivery and expression. This second volume of the new and completely revised third edition of Gene Therapy Protocols will prove a necessary tool for graduate students and postdoctoral fellows and invaluable to basic and clinical researchers in both industry and academia.

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