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Therapeutic applications of catalytic antisense RNAs (ribozymes);
Exogenous application of ribozymes for inhibiting gene expression;
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In vivo production of oligodeoxyribonucleotides of specific sequences:
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Sommario/riassunto

The use of oligonucleotides as therapeutic agents rests upon their ability to interfere, in a sequence-specific manner, with the fundamental machinery of protein synthesis either by binding to the mRNAs transcribed from a gene or by binding directly to a target gene. This approach can be used not only for inhibition of the synthesis of host proteins but also of those required by invading pathogens. Potential therapeutic applications are enormous, ranging over hypertension, cardiovascular disease, autoimmune disease, viral and other parasitic infections (especially HIV), and cancer. This book d
