

1. Record Nr.	UNINA9910555194803321
Titolo	Oligonucleotide-based drugs and therapeutics : preclinical and clinical considerations for development // edited by Nicolay Ferrari, Rosanne Seguin
Pubbl/distr/stampa	John Wiley & Sons, Inc
ISBN	1-119-07030-9 1-119-07029-5 1-119-07015-5
Disciplina	572.8/5
Soggetti	Oligonucleotides - Therapeutic use Antisense nucleic acids - Therapeutic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Mechanisms of oligonucleotide actions -- The medicinal chemistry of antisense oligonucleotides -- Cellular pharmacology of antisense oligonucleotides -- Pharmacokinetics and pharmacodynamics of antisense oligonucleotides -- Tissue distribution, metabolism and clearance -- Hybridization-independent effects : principles and specific considerations for oligonucleotide drugs -- Hybridization-dependent effects : the prediction, evaluation and consequences of unintended target hybridization -- Class-related proinflammatory effects -- Exaggerated pharmacology -- Genotoxicity tests for novel oligonucleotide-based therapeutics -- Reproductive and developmental toxicity testing strategies for oligonucleotide-based therapeutics -- Specific considerations for preclinical development of inhaled oligonucleotides -- Lessons learned in oncology programs -- Inhaled antisense for treatment of respiratory disease -- Antisense oligonucleotides for treatment of neurology diseases -- Nucleic acids as adjuvants -- Splice-switching oligonucleotides -- CMC aspects for the clinical development of spiegelmers.

