

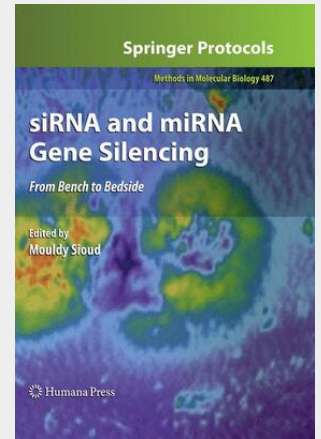
Sioud

siRNA and miRNA Gene Silencing

From Bench to Bedside

RNA interference has become a key method in the suppression of gene expression and the development of therapeutic agents, yet there is still the problem of delivery, stability, and the danger of off-target effects such as the silencing of unwanted genes and activation of innate immunity. In *siRNA and miRNA Gene Silencing: From Bench to Bedside*, expert researchers explore the most recent advances in siRNA design, expression, delivery, in vivo imaging, and methods to minimize siRNA's unwanted effects and promote successful use in patients. As part of the highly successful *Methods in Molecular Biology™* series, the chapters focus on their respective subjects with easy-to-use, up-to-date information, including several step-by-step laboratory protocols on topics such as new delivery formulations and strategies with promising applications in vitro and in vivo, validated therapeutic target genes, and components of miRNA function, biogenesis, and interference with virus infection. *siRNA and miRNA Gene Silencing: From Bench to Bedside* offers an excellent collection of chapters to aid all those with an interest in RNAi, gene regulation, and new therapies.

RNA interference has become a key method in the suppression of gene expression and the development of therapeutic agents, yet there is still the problem of delivery, stability, and the danger of off-target effects such as the silencing of unwanted genes and activation of innate immunity. In *siRNA and miRNA Gene Silencing: From Bench to Bedside*, expert researchers explore the most recent advances in siRNA design, expression, delivery, in vivo imaging, and methods to minimize siRNA's unwanted effects and promote successful use in patients. As part of the highly successful *Methods in Molecular Biology™* series, the chapters focus on their respective subjects with easy-to-use, up-to-date information, including several step-by-step laboratory protocols on topics such as new delivery formulations and strategies with promising applications in vitro and in vivo, validated therapeutic target genes, and components of miRNA function, biogenesis, and interference with virus infection. *siRNA and miRNA Gene Silencing: From Bench to Bedside* offers an excellent collection of chapters to aid all those with an interest in RNAi, gene regulation, and new therapies.



160,49 €
149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781617379086
Medium: Buch
ISBN: 978-1-61737-908-6
Verlag: Humana Press
Erscheinungstermin: 26.05.2011
Sprache(n): Englisch
Auflage: 1. Auflage. Softcover version of original hardcover Auflage 2009
Serie: *Methods in Molecular Biology*
Produktform: Kartoniert
Gewicht: 1182 g
Seiten: 472
Format (B x H): 210 x 280 mm

