

Methods in Molecular Biology 1517

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Drug Target miRNA

Methods and Protocols

This volume provides a concise and technical discussion of recently developed approaches to overcome challenges, such as pharmacodynamics and pharmacokinetics difficulties, in miRNA drug discovery. These strategies cover anti-sense agents targeting miRNA that are applied in advanced formulations or are chemically optimized to increase delivery; small molecule miRNA modulators to overcome anti-sense agents' limitations; general enhancers of miRNA maturation; and Argonaute 2 protein and its pharmacokinetic parameters. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Cutting-edge and thorough, *Drug Target miRNA: Methods and Protocols* is a valuable resource for anyone interested in the ever-evolving field of miRNA drug discovery.

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