

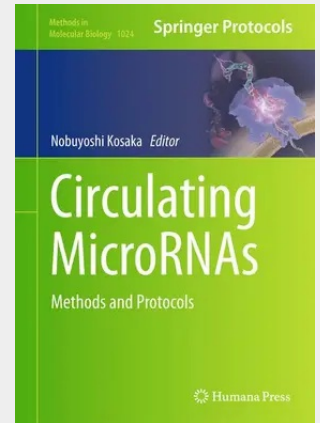
Circulating MicroRNAs

Methods and Protocols

microRNAs (miRNAs) are small non-coding RNAs that regulate various biological phenomena, such as development and homeostasis. The dysregulation of miRNA leads to disease progression, particularly of cancer. In *Circulating MicroRNAs: Methods and Protocols*, expert researchers in the field detail recent advances in the isolation, purification and analysis of circulating miRNAs from a variety of sources for research. The book is divided into three main topics. The first section involves the study of secretory miRNAs in cell-cell communication, and the second, the study of circulating miRNAs in body fluids. The last describes the novel techniques used to study circulating miRNAs. 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 key tips on troubleshooting and avoiding known pitfalls.

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