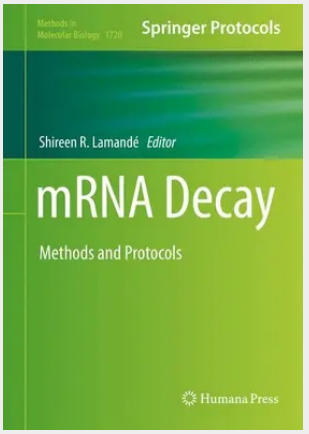
Lamandé

mRNA Decay

Methods and Protocols



This detailed volume explores the latest methods that can be used to probe mRNA decay pathways and identify mRNA-binding protein targets as well as miRNA targets. Subjects include metabolic labelling and RNAseq methods for determining RNA decay rates, approaches for discovering RNA-binding protein targets, bioinformatics, miRNA targets and novel components of the miRNA-directed decay pathway, and recently developed approaches for studying nonsense-mediated mRNA decay, among other areas. Written for the highly popular *Methods in Molecular Biology* series, 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.
Authoritative and practical, *mRNA Decay: Methods and Protocols* serves as an ideal guide for molecular biologists, geneticists, and developmental biologists with an interest in understanding how normal development and tissue homeostasis is regulated and how these processes are perturbed in inherited and acquired diseases.

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