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Sommario/riassunto

The latest knowledge on molecular motors is vital for the understanding of a wide range of biological and medical topics: cell motility, organelle movement, virus transport, developmental asymmetry, myopathies, and sensory defects are all related to the function or malfunction of these minute molecular machines. Since there is a vast amount of information on motor mechanisms and potential biomedical and nanobiotechnological applications, this handbook fulfills the need for a collection of current research results on the functionality, regulation, and interactions of cytoskeletal, DNA, and rota
