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Autore	Prasad D. K. V.
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Nota di contenuto	Chapter 1. Introduction to microRNAs and cancers -- Chapter 2. microRNAs and cancer signaling pathways -- Chapter 3. Role of microRNAs in cell growth proliferation and tumorigenesis -- Chapter 4. Impact of microRNAs in cell adhesion and tumor angiogenesis -- Chapter 5. Modulation of oxidative stress by microRNAs in cancers -- Chapter 6. microRNAs targeting tumor microenvironment and immune modulation -- Chapter 7. Circulating miRNA in prognosis, diagnosis and their role in controlling the fate of cancer stem cells -- Chapter 8. The role of miRNAs in the regulation of drug resistance among different cancers -- Chapter 9. The mechanisms of miRNA deregulation in cancer outbreak -- Chapter 10. Bioinformatic profiling of miRNAs in Cancers.
Sommario/riassunto	This book discusses the potential roles of miRNA as a crucial regulator in cancer biology. It examines the regulation of drug resistance by miRNAs in cancers and the mechanism of their deregulated expression. The book discusses the role and molecular mechanism of miRNA in regulating cellular proliferation and cell cycle. It analyses circulating

miRNAs as biomarkers for cancer diagnosis and prognosis. It also analyzes the role of miRNA as a modulator of the development and function of tumor-associated immune cells. It explores the cross-talk between miRNA and reactive oxygen species (ROS) in pathogenesis, cancer therapeutic tolerance, and resistance. It provides insights into the role of miRNA in cancer angiogenesis, metastasis and describes strategies and associated challenges of miRNA-based therapies.