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MicroRNAs in the prognosis and therapy of colorectal cancer: From bench to bedside

To KK *et al.* MicroRNAs implicated in CRC

Kenneth KW To, Christy WS Tong, Mingxia Wu, William CS Cho

Abstract

MicroRNAs (miRNAs) are small, single-stranded, noncoding RNAs that can post-transcriptionally regulate the expression of various oncogenes and tumor suppressor genes. Dysregulated expression of many miRNAs have been shown to mediate the signaling pathways critical in the multistep carcinogenesis of colorectal cancer (CRC). MiRNAs are stable to RNase-mediated degradation, thereby enabling

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An update on miRNAs as biological and clinical determinants in colorectal cancer: a bench-to-bedside approach. Wenhao Weng,[1,‡] ... and prognosis of CRC. Furthermore, with advancements in RNA delivery technology, it is anticipated that manipulation of miRNAs may offer an alternative therapy for CRC treatment.

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