



MicroRNAs in Cancer Therapy

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Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editor

MicroRNAs (miRNAs) are small noncoding RNAs about 18–24 nucleotides in length that have roles in cellular homeostasis functions in proliferation, cell cycle, development, differentiation, growth, and apoptosis. Various human diseases including multiple sclerosis, diabetes, nonalcoholic fatty liver disease, and cancer have been associated with deregulated miRNA expression. The aberrant expression of miRNAs is shown in various cancers. Recently, miRNAs have been identified as potential biomarkers for cancer diagnosis and response to therapy. However, the full mechanism of miRNA in cancer therapy is not still unknown. Several drugs including natural products have reported to have miRNA regulatory effect in cancer pathology including apoptosis, autophagy, drug resistance, invasion, metastasis, angiogenesis, etc.

In this Special Issue entitled “MicroRNAs in Cancer Therapy”, recent advances in miRNA studies in cancer therapy, including are of interest.





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Message from the Editor-in-Chief

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