

Special Issue

MicroRNAs in Cancer Therapy: 2nd Edition

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, are associated with deregulated miRNA expression. The aberrant expression of miRNAs is shown in various cancers. Recently, miRNAs were identified as potential biomarkers for cancer diagnosis and response to therapy. However, the full mechanism of miRNA in cancer therapy is still unknown. It has been reported that several drugs, including natural products, have an miRNA regulatory effect on cancer pathology, including apoptosis, autophagy, drug resistance, invasion, metastasis, angiogenesis, etc. In the Special Issue of “MicroRNAs in Cancer Therapy”, the main topic of interest is recent advances in miRNA studies in cancer therapy.

Guest Editor

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