



Biogenesis, Function and Role of MicroRNA in Cancer

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Message from the Guest Editors

MicroRNAs (miRNAs) are widely recognized small RNAs that are expressed in a tissue-specific manner and involved in pathological states of several diseases, including cancer, through modulating diverse cellular signaling pathways. Therefore, miRNA-based therapeutics have been proposed as a reasonable next-generation strategy to improve therapeutic responses.

This Special Issue on “Biogenesis, Function and Role of MicroRNA in Cancer” aims to advance our understanding of miRNA biology, ultimately for the development of a novel strategy for cancer therapy and new applications of miRNAs in cancer diagnosis. This Special Issue welcomes a series of original research articles as well as review articles addressing the emerging advances in the field of miRNAs. Topics include, but are not limited to:

- Post-transcriptional regulation of miRNAs modulated by RNA-binding proteins and other factors;
- The role of miRNAs in cancer cells and the surrounding microenvironment;
- Expression levels, target genes, and therapeutic applications of miRNAs;
- miRNA–mRNA regulatory networks;
- Validation of miRNAs as potential cancer biomarkers.





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Message from the Editor-in-Chief

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