



## MicroRNAs in Cancer Therapy 2.0

Guest Editor:

**Prof. Dr. Bonglee Kim**

Department of Pathology,  
College of Korean Medicine,  
Kyung Hee University, Seoul  
02447, Republic of Korea

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### Message from the Guest Editor

Dear Colleagues,

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.





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### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

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MDPI, St. Alban-Anlage 66  
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