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Advances in miRNA Research

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Message from the Guest Editor

Dear Colleagues,

In recent years, substantial progress has been made in studying the role of microRNAs (miRNAs) in the pathogenesis of diseases. Numerous studies have shown that these short RNA sequences play a crucial role in the neoplastic process, including cell-death regulation, proliferation, signalling, and the formation of metastasis. Increasing evidence has revealed the deregulation of miRNA levels in cancer and negative regulation of gene and protein expression by acting as oncogenes or tumor suppressors.

This Special Issue invites original papers and reviews covering a wide range of topics related to miRNAs, such as miRNA-activated functional networks, miRNA expression regulation, miRNA therapeutics, miRNA function as biomarkers, and the role of miRNA in cancer drug resistance in various kinds of cancers.

Dr. Dragoș Crețoiu

Guest Editor



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Special Issue

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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