

Special Issue

MicroRNAs and Complex Disease: Prevention, Diagnosis, Treatment, and Mechanism

Message from the Guest Editor

microRNAs (miRNAs) are small noncoding RNA molecules that mainly function as gene regulators at the posttranscriptional level. Increasing evidence has shown that miRNAs have critical roles in almost all important biological processes, and thus their dysfunction are associated with a large number of human diseases. Therefore, they show great potential in the prevention, diagnosis, treatment, and mechanisms of complex diseases. Although significant advances have been made, there are many challenges in investigating the roles of miRNAs in disease formation and development, disease prevention, diagnosis, and treatment. In this Special Issue, we are inviting reviews, perspectives, and original research articles to address some of these challenges. Topics will include, but are not limited to, miRNA function, mechanisms, biomarkers, targets, disease treatment, computational biology and bioinformatics.

Guest Editor

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Deadline for manuscript submissions

closed (25 July 2023)

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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