

Special Issue

The Role of miRNA in Human Diseases

Message from the Guest Editors

microRNAs (miRNAs) have emerged as pivotal regulators in human diseases. These small miRNAs bind to specific target mRNAs, resulting in translational repression. miRNAs play an essential role in a variety of physiological and pathological processes, including diabetes and its comorbidities. Abnormal miRNA expression is linked to numerous diseases, making them valuable therapeutic targets and diagnostic markers. Several miRNAs are currently undergoing clinical development. This Special Issue will focus on original studies uncovering new roles of miRNAs in diabetes and its comorbidities, as well as review articles describing recent insights and highlighting research trends studying the crucial role of miRNAs in these diseases. Research topics may include, but are not limited to, the following:

- Role of miRNAs in diabetes;
- Role of miRNAs in obesity;
- Role of miRNAs in fatty liver disease;
- Role of miRNAs in gastrointestinal disease.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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