

Special Issue

New Regulators and Modulators of MicroRNA

Message from the Guest Editor

The role of microRNAs in the biological and clinical worlds has advanced tremendously in the past decade. There is now a much better understanding of their biogenesis, regulation, and function. Current research has gone beyond just measuring differential expressions of microRNAs in diseased versus normal conditions. Research has shown ways of manipulating microRNAs as diagnostic and prognostic tools. New areas of research are highlighting conditions where there is cross-talk between microRNAs and other epigenetic pathways such as DNA methylation or histone modifications. With the current interest in microbiomes, there are also suggestions of gut microbes regulating microRNAs or in turn being regulated by microRNAs. Exciting new findings have been made in the microRNA research field, and hence we have decided to revisit our Special Issue focus on “New Regulators and Modulators of MicroRNA”. Potential topics include, but are not limited to, the following:

- MicroRNAs as disease markers: the latest advances
- MicroRNA regulation and editing
- MicroRNA regulation of other epigenetic pathways
- MicroRNAs in aging
- MicroRNAs and gut microbiomes
- MicroRNA and redox stress

Guest Editor

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Deadline for manuscript submissions

closed (30 December 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/21849

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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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