

Special Issue

Post-transcriptional Gene Expression Regulation in Eukaryotic Energy Metabolism

Message from the Guest Editor

The role of signaling cascades and transcriptional gene expression regulation has been extensively studied in eukaryotic energy metabolism. These include metabolic regulatory pathways such as the insulin/IGF-1, AMPK, mTOR, and sirtuin pathways. However, the contribution of posttranscriptional gene expression regulation is incompletely understood. In this Special Issue, we solicit original research and review articles focusing on various metabolic pathways modulated in steps of mRNA decay, localization and translation. The contribution of noncoding RNAs such as miRNAs, lncRNAs and circRNAs to these regulatory pathways are other emphases. This Special Issue will offer new insight into the underlying molecular mechanisms of posttranscriptional regulatory networks for the modulation of eukaryotic energy metabolism.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/117771

*International Journal of
Molecular Sciences*
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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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