

Special Issue

Omics for Metabolic Mysfunctions

Message from the Guest Editor

Cardiometabolic disease is among the leading causes of morbidity and mortality worldwide and is a significant burden on the healthcare system. The use of high-throughput omics technologies has led to the rapid discovery of many candidate biomarkers. Systems biology integrated high-throughput multi-omics approach has been dedicated to understanding complete molecular biosignature of health and disease. Omics-based integrative identification and characterization of biomarker targets and their clinical translations are essential to developing comprehensive profiling, risk stratification, future cell-targeted early interventional and therapeutic strategies. This Special Issue will include the omics approaches such as genomics, transcriptomics, proteomics, lipidomics, or metabolomics to study the biological pathways and interaction at the cells and exosomes levels. Both human and animal model multi-omics will provide researchers with a greater understanding of the flow of information, from the original cause of the disease (genetic, environmental, or developmental) to the functional consequences or relevant interactions.

Guest Editor

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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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