

Special Issue

Advances in Biomarker and Therapeutic Target Discovery in the Era of Omics Sciences

Message from the Guest Editor

The term omics encompasses multiple disciplines, such as genomics, transcriptomics, epigenomics, proteomics, metabolomics, lipidomics, nutrigenomics and microbiomics.

Although the large amount of information obtained by omics applications represents a promising data source, its interpretation and insights remain an ongoing challenge for researchers. In addition, currently, specific analytical tools are designed for individual omics disciplines. However, data integration of multiomics strategies must be realized to establish a holistic understanding of molecular mechanisms involved in disease development and progression.

This Special Issue, “Advances in biomarker and therapeutic target discovery in the era of omics sciences”, welcomes original research and review articles focused on omics applications, which provide valuable insight into the identification of possible biomarkers and targets for the diagnosis and treatment of human diseases.

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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