

Special Issue

Molecular Mechanisms and Biomarkers for Appropriate Diagnosis and Therapeutic Strategy in Organ Dysfunction

Message from the Guest Editor

Biomarkers reflecting, predicting, and associating pharmacological effects and/or toxicological disorders, as well as pathophysiological situations have been widely examined. Candidate molecules, as well as chemicals, that act as potential biomarkers for drug-induced organ toxicity have been discovered. Therefore, some organ-specific and/or drug-specific biological markers including functional proteins, peptides, nucleic acids, fatty acids, miRNAs, etc. are required to make accurate diagnoses and subsequent therapeutic strategies. These trends have been comparable with the development of several disease-specific biomarkers in various fields. Recently, the research area of biomarkers in pharmacology/toxicology and organ dysfunction has been expanded to find the physiological and pathophysiological significance in molecular-biological processes. With these exciting findings, this Special Issue focuses on “Molecular Mechanisms and Biomarkers for Appropriate Diagnosis and Therapeutic Strategy in Organ Dysfunction”.

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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