

## Special Issue

# Advanced Research on the Detection of Small Metabolites in Biological Fluids

### Message from the Guest Editor

Metabolic abnormalities lead to various dysfunctions that lead to the accumulation or deficiency of metabolites. These metabolites are therefore useful for predicting the diagnosis of diseases or monitoring treatments. Therefore, analytical methods of detection and monitoring are essential. Small-molecule metabolite-based metabolomics has become a specialized tool for analyzing metabolic biomarkers and pathways. A metabolomic approach can involve small molecules. The first phase involves the experimental design, then the choice of biological subjects, then the collection of samples, and finally the preparation and extraction of the metabolites. The final phase involves the acquisition and processing of data for the identification of biomarkers and their functional roles. This special issue is open for original research articles, short communications, and reviews.

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### Guest Editor

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## 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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### Editor-in-Chief

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