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Proteomics and Metabolomics Investigation of Cell Lines, Tissues and Biological Fluids

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Message from the Guest Editors

This Special Issue welcomes scientific contributions and critical reviews that analyze the use of proteomics and metabolomics for the investigation of cell lines, tissues and biological fluids. It will consider both in vitro and in vivo application of mass spectrometry analysis, including cell line studies, tissue and biological fluid investigations for identifying biomarkers and therapeutic targets, large-scale profiling studies, integrated -omics and bioinformatics research, and sample preparation and analytical development challenges. Studies on the use of mass spectrometry to characterize the host-microbiome interaction will be also considered.

Articles focusing on the current potential of the analysis of proteins, small molecules and lipids, including diagnosis, pathology, and understanding of disease mechanisms, in rare and common diseases are highly desired.



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Special Issue



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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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