

Special Issue

Proteomics and Its Applications in Disease

Message from the Guest Editors

The recent advances in mass spectrometry-based technologies, e.g., data-independent acquisition (DIA), ion mobility spectrometry (IMS), and multiple reaction monitoring (MRM), have provided superior sensitivity, reproducibility, and throughput in proteomics analysis. It allows the researchers to explore the diseases by assessing a deeper proteome in a relatively short time with high reproducibility and less missing data. No doubt, the applications of proteomics research in diseases not only provide new insights into disease mechanisms, but also novel disease biomarkers and therapeutic targets. In this Special Issue, we invite you to contribute original research and review articles which focus on the following topics related to the applications of proteomics in diseases (but are not limited to): disease biomarker (discovery and validation), molecular mechanisms (signaling pathway) of disease, new drug targets, the role of post-translational modifications in disease, targeted proteomics, multi-omics studies, proteomic studies on in vitro cell disease model, animal disease models, or patient cohort studies.

Guest Editors

Prof. Dr. Lei Zhou

Dr. Qingsong Lin

Dr. Chuen Lam

Deadline for manuscript submissions

closed (15 November 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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