

Special Issue

Recent Advances of Proteomics in Human Health and Disease

Message from the Guest Editor

With the accumulation of omics data, the request for a healthy molecular profile of a person is increasingly emerging. As the final chord in the realization of genomic information, the proteome reflects the complete picture of molecular processes in the body. Nevertheless, despite the significant and encouraging progress in developing proteomic technologies, there are still many difficulties with a complete inventory of all molecules. Low-copy proteins, as well as aberrant forms, are still difficult to detect. This limitation complicates the decoding of biological processes and further identification of predictive, diagnostic, and therapeutic biomarkers of diseases. This Special Issue focuses on (but is not limited to) the application of proteomics solo and in integration with other omics in disease, with emphasis on biomarkers, molecular mechanisms of disease, new drug targets, aberrant proteoforms, proteins functional annotation, proteomic studies on the disease model or patient cohort studies, and novel proteomics methodologies and strategies.

Guest Editor

Dr. Ekaterina Poverennaya

Institute of Biomedical Chemistry, 119121 Moscow, Russia

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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*, 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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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