

Special Issue

New Insights into Proteomics in Disease

Message from the Guest Editor

Omics strategies, especially those related to proteomics, are becoming a powerful tool for acquiring in-depth knowledge of biological systems and for studying the molecular basis of multifactorial diseases. Thus, understanding protein modifications will require the application of innovative approaches and their integration with new combined interdisciplinary methods. Leading by and assisted by Dr. Maria Concetta Cufaro and Dr. Silvia Valentinuzzi (University “G. d’Annunzio” of Chieti-Pescara), this Special Issue aims to collect articles related to innovative high-throughput proteomics, bioinformatics, and related topics, providing new insights into the molecular aspects of human health in relation to personalized medicine. We invite authors to contribute original research papers, methods, and review articles that discuss new biological knowledge at the protein level through omics strategies, including (but not limited to):

- proteomic characterization of normal and diseased tissues/cells/biofluids;
- omics approaches and biomarker discovery;
- new methods of protein analysis;
- bioinformatics for omics data integration.

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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