

## 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.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 February 2025)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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