



## Proteomics and Its Applications in Disease

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Deadline for manuscript  
submissions:

**closed (15 November 2022)**

### 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.





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## Message from the Editor-in-Chief

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