

Special Issue

Proteomics Analysis in Biomarker Discovery

Message from the Guest Editors

Dear colleagues,

For a long time, some blood biomarkers have been used as tools for diagnosis and follow-up purposes. Nevertheless, currently available biomarkers, which are far from being comprehensive, often lack specificity, and thus in the last decade omics-based technologies have been extensively used for biomarker discovery. Proteomics analysis of various body fluids such as plasma, serum, and saliva, and tissue specimens, has largely contributed to the detection of new potential biomarkers for various diseases. In recent years, proteomics analysis of cell culture secretome, cell, and body fluid exomes has also been implemented, leading to new discoveries that have shed light on cell communications in pathological conditions such as cancer.

Scientists working in the field of proteomics analysis applied to biomarkers discovery for human diseases are encouraged to consider this Special Issue for submitting recent research and review articles. While research dealing with innovative approaches is particularly welcome, proteomics investigations that highlight the molecular mechanisms of diseases are also of interest.

Guest Editors

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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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