



proteomes

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Proteomic Biomarkers in Human Diseases

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Message from the Guest Editors

The latest methods for protein identification and quantification offer the opportunity to systematically study disease mechanisms as well as identify biomarkers and measure markers for the diagnosis and prognosis of disease and those that might predict or monitor a patient's response to treatment. Notably, advances in mass spectrometry instrumentation and other proteomic methods are leading to advances in the field of clinical proteomics towards the multiplexed analysis of large numbers of patient samples.

This Special Issue will cover applications of various biomarker panels for cancer, cardiovascular, and neurological diseases, as well as the role of proteomics in other pathological processes. We welcome manuscripts describing all aspects of the current challenges in applying proteomic technologies to the development of disease biomarkers for clinical utility, i.e., the need for analytical rigor, reproducibility between laboratories, standardization of sample collection, storage and processing, proteomics workflows, data analysis and reporting.



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Special Issue