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Proteomic Biomarkers in Human Diseases

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Deadline for manuscript submissions:
closed (10 March 2018)

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

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Message from the Editorial Board

Proteomes is an international, peer-reviewed, open access journal that was first published in 2013 by MDPI. *Proteomes* addresses all aspects of proteome analysis with a special focus on the quantification and characterisation of the proteome at the level of proteoforms. We encourage submission of articles that accurately quantify and characterise the proteome, as well as new and updated methods and technologies that enhance the accurate quantification and characterisation of the proteome and thereby provide evidence directly facilitating the understanding of biological mechanisms. Articles emphasising a multi/ transdisciplinary approach combining different omics techniques are welcomed.

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