



Proteomics for Biomarker and Drug Discovery

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Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

Proteomics probes into the entire set of proteins expressed at the moment in a living system or its part thereof. Given that proteins are intermediate phenotypes, quantitative proteomics sheds light on the dynamic behaviour of the proteome in response to an insult and offers direct scientific insights into physiological processes. These distinctions help proteomic investigations focus on biomarker research for various ailments and aid in therapeutic target discovery.

Recent studies on COVID-19 proteomics, in particular, have significantly contributed to identifying biomarker panels for disease severity prediction and identifying the targets for drug repurposing.

With the aim of pushing the frontiers of existing knowledge of proteomics, this Special Issue of Proteomes seeks submissions on all areas of proteomics and proteomics-aided biomarker and drug discovery with a specific focus on its innovative applications to understand challenging biomedical issues.

