

Special Issue

Proteomics for Biomarker and Drug Discovery

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2023)



Proteomes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.2
Indexed in PubMed



mdpi.com/si/148570

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About the Journal

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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