Special Issue

Plant Genomics and Proteomics

Message from the Guest Editors

Currently, proteomics is one of the most useful tools available to understand protein behavior, protein post-translational modifications, and protein–protein interactions of plant. Due to the diversity of plants, not all of their genomes have been decoded. However, advances in genome sequencing technology have made it easier to obtain sequence information.The integration of high-throughput omics-based techniques such as genomics, transcriptomics, proteomics, and metabolomics has revealed molecular and biochemical changes at the cellular level, enabling a comprehensive understanding of plant physiology. This Special Issue of Proteomes welcomes submissions of original research or review articles aiming at deciphering physiological processes with the use of proteomics tools. Contributions will deal with the dynamics of proteins in their native and modified forms, with the combination of several “omics” approaches in contrasted physiological situations as well as with technical advances in the proteomic field.

Guest Editors

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Deadline for manuscript submissions

30 September 2025

Proteomes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.2
Indexed in PubMed

mdpi.com/si/235550

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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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