



an Open Access Journal by MDPI

Deciphering Plant Molecular Data Using Computational Methods

Guest Editor:

Dr. Rajeev K. Azad

 Department of Biological Sciences, University of North Texas, Denton, TX 76203, USA
BioDiscovery Institute, University of North Texas, Denton, TX 76203, USA
Department of Mathematics, University of North Texas, Denton, TX 76203, USA

Deadline for manuscript submissions: **31 August 2024**

Message from the Guest Editor

High-throughput sequencing technologies continue to generate vast amounts of plant molecular data, advancing the frontier of plant biology research and making significant contributions to the understanding of plants. Computational analysis has become an indispensable tool in unraveling complex plant molecular networks.

This Special Issue aims to provide a platform for researchers to share the latest findings and advancements in the use of computational methods for unraveling the mysteries of plant molecular networks. We welcome original research articles, critical review papers and perspectives that delve into various aspects of this field, including the genomics, transcriptomics, proteomics, metabolomics and epigenomics of plants. Additionally, we encourage contributions on data processing, analysis and visualization techniques that pave the way for novel insights into plant molecular mechanisms.



mdpi.com/si/193034







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and community.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Plant Science)

Contact Us

Plants Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/plants plants@mdpi.com X@Plants_MDPl