

Special Issue

Applications of Omics and Bioinformatics in Medicinal Plants

Message from the Guest Editors

Medicinal plants have historically served as a fundamental component of both traditional and contemporary medicine, offering a substantial reservoir of bioactive compounds for disease treatment and health promotion.

However, realizing their full potential necessitates the use of advanced methodologies to unravel their intricate biochemical pathways, genetic diversity, and ecological interactions. This Special Issue examines the transformative impact of omics technologies, including genomics, transcriptomics, proteomics, metabolomics, and bioinformatics, on advancing medicinal plant research.

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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 commentaries on topics of interest to the plant research community.

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