

Special Issue

Tempo and Mode of Diversification in Plant Evolution

Message from the Guest Editors

In the last few years, omics approaches in plant evolution have enabled a comprehensive analysis of genomes, transcriptomes, proteomes, and metabolomes, yielding significant insights into the genetic and molecular mechanisms that drive evolutionary adaptations and diversification in plant species. High-throughput omics approaches have been adopted to reconstruct phylogenetic trees and to study relationships at the intraspecific level in plants. High-quality information on plant diversity is extremely important for the conservation and policy-making of the world flora. In addition to the importance of obtaining genomic data, biogeographic and ecological evidence has provided a better understanding of the evolution of plant lineages. This Special Issue aims to unite articles that make use of omics tools to investigate plant diversification at macro and micro scales and use integrative analyses to understand tempo and mode of species distribution, evolution of morphological characters and other taxonomic traits, such as cytology, genome size, anatomy, biochemistry, ecology, etc.

Guest Editors

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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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