Special Issue

Molecular Phylogeny of Poaceae

Message from the Guest Editors

Grasses are the main food and fodder crops. In order to increase crop yield and resistance to various factors, modern breeding technology is actively searching for necessary genes among the relatives of cultivated plants, both close and distant. Therefore, it is necessary to gain a comprehensive understanding of the relationship between species, genera, and families of grasses. Molecular methods have already helped to refine and, in some cases, to revise earlier taxonomic ideas. The utilization of modern effective methods makes it possible to accelerate the process of improving our knowledge of the Poaceae phylogeny.

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Deadline for manuscript submissions

closed (31 December 2024)

Plants

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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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