# Special Issue

# Chromosome Changes and Karyotype Evolution in Plants

## Message from the Guest Editors

Chromosome variation is one of the most investigated topics in higher plants. The number and morphology of chromosomes, the traits most detectable with simple cytological techniques, have been widely used to deduce important evolutionary events and to obtain information of phylogenetic relevance. Special Issue **"Chromosome Changes and Karyotype Evolution in Plants"** aims to collect articles addressing the vast topic of chromosome diversity and its implications for plant evolution. Articles regarding new case studies are particularly welcome, as is the application of innovative techniques of analysis. We are encouraging the study of karyotype diversity, genome, and chromosome evolution in species or groups of species that have been ignored by cytogeneticists until now. Welcome original articles, reviews, and mini-reviews on the following: Karyotype evolution and speciation;
Evolutionary pathways of karyotype diversity;
Dysploidy events and spaciation;
Insights into chromosome changes and genome evolution;
Karyotype evolution and phylogeny;
Genomic changes after polyploidization.

## Guest Editors

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## Deadline for manuscript submissions

closed (25 January 2025)

**Plants**

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# About the Journal

## 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.

## Editor-in-Chief

Prof. Dr. Dilantha Fernando
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