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Cytogenetics and Plant Evolution

Guest Editor:

Dr. Egizia Falistocco

Department of Agricultural, Food
and Environmental Sciences,
University of Perugia, Perugia,
Italy

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editor

Dear Colleagues,

this Special Issue in *Plants* entitled “Cytogenetics and Plant Evolution” has been conceived to promote the study and the knowledge of species and groups of species that have until now overlooked by cytogeneticists. It is our conviction that the more we know about the chromosome constitution of species the better we can understand the mechanisms operating in plant evolution.

For realizing this goal, we encourage the submission of original research on the following categories of plant species:

Fruit tree species: minor fruit tree species, minor crop species, neglected and underutilized species, and wild species of the Mediterranean biome.

Papers covering the following topics would be especially welcome:

Comparative cytogenetic mapping; Karyotype and genome evolution; Polyploidy and dysploidy; and Meiotic alterations.

Additionally, original articles regarding chromosome structure and karyotype analysis would be appreciated if the study comprises a broader evolutionary context rather than a report on a single species.



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Special Issue



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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 commentaries on topics of interest to the plant research community.

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Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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