

Special Issue

Cereal Genetics and Molecular Genetics

Message from the Guest Editor

The development of crop genetics and molecular methods for genetic analysis has significantly improved our understanding of the structure and behavior of cereal genomes. This progress has secured us with the production of cultivars for the next generation. Overall, developing next-generation cultivars plays a crucial role in reducing risks posed by climate change. Additionally, some cereals are considered an ideal model for studying the genetics of cultivated plants due to their close relationship.

This Special Issue will cover various areas, aiming to contribute to the overall knowledge of cereal genetics and molecular genetics from several aspects, including functional genomics, transformation, gene editing, and marker-assisted selective breeding. To speed up advancements in the field, we also encourage the submission of confirmatory findings and negative or inconclusive results which address rigorously tested hypotheses and aspects of molecular genetics. Regarding the publication format, we aim to gather original research articles and reports alongside reviews and opinions.

Guest Editor

Prof. Nikolay P. Goncharov

Institute of Cytology and Genetics of the Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia

Deadline for manuscript submissions

closed (30 March 2024)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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