

Special Issue

Cereals Genetics and Breeding

Message from the Guest Editor

Cereal crops are a vital part of global food security, and their improvement through genetics and breeding is crucial for meeting the demands of a growing population. This Special Issue of *Plants* aims to focus on the latest advances in cereal genetics and breeding, including innovative methods, technologies, and strategies for improving yield, quality, and sustainability. We invite original research articles, reviews, and short notes on topics such as genetic diversity, genome editing, marker-assisted selection, and phenomics, as well as breeding for biotic and abiotic stress resistance, nutritional enhancement, and climate resilience. Original research articles and reviews, communications, and short notes are welcome to be submitted.

Guest Editor

Dr. Raman Dhariwal

Agriculture and Agri-Food Canada, Lethbridge Research and Development Centre, Lethbridge, AB T1J 4B1, Canada

Deadline for manuscript submissions

closed (20 June 2025)



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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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