

Special Issue

Cereal Physiology and Breeding

Message from the Guest Editors

The main goal of the current Special Issue is to publish papers focused on physiological and genetic approaches, aiming at increasing both the actual and the potential productivity of cereals, closing the yield gap in stressful conditions, and increasing the nutritional quality and healthiness of cereal products. Topics covered will encompass understanding the physiological and molecular bases of cereal productivity, germplasm mining for relevant traits, improving productivity or quality of cereal crops via pre-breeding and breeding approaches, particularly considering the climate change perspectives. Within this context, multidisciplinary approaches, related to agronomy, physiology, high-throughput phenotyping, genomics, metabolomics, etc., will be welcomed.

Guest Editors

Dr. Gustavo A. Slafer

Dr. Ernesto Igartua

Dr. Iker Aranjuelo

Deadline for manuscript submissions

closed (15 April 2021)



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

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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, and 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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