

Special Issue

Advances in Cereal Crops Breeding II

Message from the Guest Editor

Cereals are the main food and feed crops on our planet: wheat, rice, and corn occupy three-quarters of the total acreage. The vast majority of plant breeders and plant geneticists in the world are engaged in cereals breeding. The breeding methods are chosen on the basis of the biology of the crop (self-pollinating or cross-pollinating), the level of development of genetic research for a particular crop, and the country where the breeding is carried out. The history of crop breeding is long, beginning at the dawn of human civilization with the agricultural revolution and the creation of primitive landraces, continuing with the discovery of the genetic laws of G. Mendel and the creation of the first primitive (obsolete) breeding varieties of plants at the beginning of the twentieth century, and then further progressing with the development of genetics yielding heterotic hybrids as well as physical and chemical crop mutants. .

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Deadline for manuscript submissions

closed (20 August 2022)



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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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, 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.

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