

Special Issue

Genetics and Breeding of Crops

Message from the Guest Editor

Crops have been domesticated for thousands of years. Currently, the world population is rapidly growing, but environmental deterioration, pests and disease greatly affect crop production and threaten food security. It is estimated that global agricultural production must increase by 70% by 2050 to satisfy the growing demand for food. Crops are also studied as model plants to resolve some fundamental scientific problems. Yield, genetics, development, plant architecture, resistance to biotic and abiotic stress, interactions between species, and plant hormones are considered in these studies. This Special Issue of *Plants* will highlight gene characterization, molecular mechanisms, evolution, breeding, interactions between crops and pests or disease, biotic stress and abiotic stress, and new technologies.

Guest Editor

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Deadline for manuscript submissions

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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

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