



plants



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Genetics and Breeding of Crops

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Jun Hu

Guest Editor



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Message from the Editor-in-Chief

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