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Breeding and Genetic Mechanism of Tea Plants

Guest Editors:

Prof. Dr. Kang Wei

Dr. Jianhui Ye

Prof. Dr. Liyuan Wang

Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

At present, the breeding of new tea cultivars (e.g., albino cultivars, purple cultivars, and caffeine-free cultivars) is increasingly attractive and popular in the market. The changes of cultivars not only involve quality components such as flavonoids, amino acids, and caffeine, but also relate to plant appearance and responses to environmental factors. These changing phenotypes are closely associated with some significant genes, which are largely unknown. Exploring these genes and understanding their underlying mechanisms will improve tea cultivation management and breeding in the future. This Special Issue of *Plants* will highlight the exploration of new genes and their potential mechanisms, such as the changes of quality, stress response, fertility, leaf color and size. Papers related to tea propagation and new technologies in tea breeding are also welcome.

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Editor-in-Chief

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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.

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