



Germplasm and Breeding Innovations in Cucurbitaceous Crops

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Message from the Guest Editors

Cucurbitaceous crops, including watermelons (*Citrullus lanatus*), melons (*Cucumis melo*), cucumbers (*Cucumis sativus*), and pumpkin and squash (*Cucurbita* spp.) crops, represent one of the most genetically diverse plant families, containing numerous health-promoting substances. In light of the deteriorating global environment, rapid population growth, and improving living standards, the market demand for high-quality cucurbitaceous crops has dramatically expanded. Over the past decade, germplasm and breeding innovations in cucurbitaceous Crops have exhibited rapid development. Research and application areas are mostly concentrated on the development of a new variety of resources by conventional and modern breeding methods, like BSA, Mutmap, EMS, etc., and the obtainment of new germplasms by genetic transformation and gene editing technology in cucurbitaceous crops is also an effective and efficient approach.

This Special Issue welcomes the submission of review and research papers or short communications on the following topics: germplasm, genome sequence information, evolutionary relationships, and functional genes associated with important agronomic traits in cucurbitaceous crops.





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Message from the Editor-in-Chief

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