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Genetics, Molecular Breeding, and Biotechnology for Tuber Crop Improvement

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Message from the Guest Editors

Tuber crops include potatoes, sweet potatoes, yams, ginger, and others. Their yield potential, production, and quality are the potential objectives for breeders worldwide. However, tuber crop production still faces numerous challenges, including the impacts of biological and abiological factors in addition to the demand for improved yield and nutritional quality. At present, molecular genetics and breeding mainly include biotechnologies such as QTL, GWAS, map-based cloning, omics analysis, and gene or genome editing, which have been widely studied and achieved significant progress in model plants. Therefore, we are developing this Special Issue, which will provide a forum with which to address these problems and present new progress in tuber crop research.

Deadline for manuscript submissions:

closed (30 June 2023)



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Special Issue



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Message from the Editor-in-Chief

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