

Special Issue

Genetics, Molecular Breeding, and Biotechnology for Tuber Crop Improvement

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.

Guest Editors

Dr. Hongju Jian

Dr. Kai Zhang

Prof. Dr. Jianfei Xu

Deadline for manuscript submissions

closed (30 June 2023)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

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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, and 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

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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