

Special Issue

Breeding Progress of Root, Tuber and Banana Crops

Message from the Guest Editors

Root, tuber and banana (RTB) crops, including banana, cassava, potato, sweet potato, taro and yam, among others, play a major yet underappreciated role in global food security and climate resilience, particularly for smallholder farmers and processors in the Global South. Recent state-of-the-art modelling research highlights roots and tubers and their exceptional climate resilience among all crop groups. Despite chronic underfunding, substantial progress has been achieved in all aspects of the genetic improvement of RTB crops, including yield, agronomic, quality and processing traits, climate resilience, increased breeding efficiency, genetic gains, and on-farm impact. We invite breeders, geneticists, and scientists to submit original research and reviews on all aspects of RTB genetic improvement to this Special Issue. This Special Issue will provide an authoritative account of recent scientific advances and aims to inspire the next generation of researchers to advance these vital crops and strengthen farmers' incomes and livelihoods.

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Deadline for manuscript submissions

31 October 2026



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/264388

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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.

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