



plants



an Open Access Journal by MDPI

Advance in Fruit Development

Guest Editors:

Dr. Han Xiao

National Key Laboratory of Plant Molecular Genetics, CAS Center for Excellence in Molecular Plant Sciences/Institute of Plant Physiology and Ecology, Chinese Academy of Sciences, Shanghai 200032, China

Prof. Dr. Zhengguo Li

Key Laboratory of Plant Hormones and Development Regulation of Chongqing, School of Life Sciences, Chongqing University, Chongqing 401331, China

Message from the Guest Editors

Fruit is a rich resource of many essential nutrients in the human diet, including vitamins and dietary fiber. Knowledge from studies on the formation, growth and ripening of the fruit has not only advanced our understanding on the genetic and molecular regulation of fruit development but also has helped breeders to create new varieties of high quality and yield. Many aspects of the complex fruit development process are being dissected using new technology and tools, and new genetic and genomic data are rapidly accumulating, especially in these fruit-bearing plant species that have limited genetic tools and genomic information. This Special Issue of *Plants* will highlight the advances in our understanding on the genetic and molecular basis of fruit formation and growth, ripening, and the diversity of fruit development across various plant species.

Deadline for manuscript submissions:

closed (31 May 2022)



mdpi.com/si/91986

Special Issue



plants



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Plant Sciences*) / CiteScore - Q1 (*Plant Science*)

Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)