

Special Issue

Molecular Genetics of Disease Resistance in Fruits

Message from the Guest Editors

The development of the fruit industry is limited by disease. The most effective strategies for overcoming diseases in fruit include selecting disease-resistant fruit resources and developing disease-resistant varieties via breeding. Therefore, it is crucial to identify new candidate genes and explore the molecular mechanisms underlying disease resistance in fruit. This Special issue of *Plants* will highlight the understanding of the physiological, biochemical, and molecular basis of fruit response to disease and coordination of growth and tolerance. The main topics include, but are not limited to:

- New fungal and oomycete resistance genes, proteins and natural compounds;
- Hormone homeostasis and signaling in disease response;
- Fruit defense mechanisms.

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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, 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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