

Special Issue

Molecular Breeding for Environmental Stress Resistance in Vegetables

Message from the Guest Editor

Vegetable growth and yield are often affected by a variety of biotic and abiotic stress factors. There is a clear gap between actual vegetable yields and potential crop yields. These restrictions will be of an increasing severity influence on the production and operation of vegetables. Therefore, it is very critical to study the resistance mechanisms of vegetables to the environment and use these mechanisms for molecular breeding to develop resistant, high-yielding, and high-quality varieties. For the development of resistant varieties, information on sources of resistance is a prerequisite and serves as a backbone in breeding programs. This Special Issue of *Plants* will highlight germplasm innovations and new variety developments in vegetables. The genetics and mechanisms of disease resistance, stress tolerance, and quality character will be used to study gene expression, epigenetic changes, and their roles in vegetable variety improvement.

Guest Editor

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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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