

Special Issue

Vegetable Genetic Breeding

Message from the Guest Editors

Vegetable crops, such as Chinese cabbage, cabbage, tomato, spinach, carrot, pepper, broccoli, eggplant, celery, watermelon, pumpkin, cucumber, etc., are indispensable to human health, as they provide a large amount of nutritional value. These vegetables should carry high yield potential, high resistance to abiotic and biotic stress, high resistance to bolting, and other important agronomic traits. Advanced next-generation DNA sequencing technologies allow us to rapidly discover candidate regions that control traits of interest based on pooled sequencing or genome-wide association studies, and provide a number of variants or gene/QTL fine mapping.

This Special Issue on “Vegetable Genetic Breeding” welcomes original research articles and reviews highlighting all aspects of vegetable genetic breeding, such as gene/QTL mapping, Mendelian inheritance, transcriptomics, genetic variation, genetic diversity, functional genomics, genomic selection, gene editing, new breeding techniques, and plant genetic resources.

Guest Editors

Dr. Wei Qian

Dr. Jian Wu

Dr. Hongbing She

Deadline for manuscript submissions

closed (20 February 2025)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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