

# Special Issue

## Genes, Genetics and Breeding of Tomato

### Message from the Guest Editor

Tomato is widely cultivated and is one of the most important vegetable crops in the world, with great economic significance. During the past two decades, tomato production has increased two-fold, which is largely the result of genetic improvement toward high yield and adaptation. Over the years, the goals of the genetic breeding of tomatoes have targeted productivity and tolerance to pests and diseases. Consumers demand high nutritional and taste quality and producers demand tomato fruit that is easy to cultivate with high adaptation to stress or disease. Tomato is a vegetable crop that is rich in genetic resources. Great progress has been made on the genes and genetics underlying the important traits, e.g., fruit development, yield, quality, abiotic stress adaptation, and disease resistance. These genes facilitate tomato improvement by molecular approaches. For this reason, the proposed Special Issue will present advances in gene mining, genetic mechanism, and molecular breeding of tomato. We look forward to receiving your manuscripts (**reviews and research articles**) and am eager to share your results with the research and industry community.

### Guest Editor

Prof. Dr. Yuyang Zhang

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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