Special Issue

Advances and Perspectives in Epigenetics in Perennial Plant

Message from the Guest Editor

Epigenetic regulation refers to a kind of heritable change in gene function without DNA sequence modification. DNA methylation, histone posttranslational modifications, chromatin remodeling and noncoding RNAs are conserved epigenetic regulation approaches that participate in almost all of the important biological processes, ranging from basal development to environmental response. With the rapid development of epigenetic-related biotechnology, the study of epigenetic mechanism has gradually deepened, from concept to accurate detection, from model plants to common crops. In the field of horticulture, there is a wide variety of perennials such as vegetables, fruit trees, flowers and tea trees, involving complex regulatory mechanisms and reflecting the important role of epigenetics. It is very necessary to summarize the latest research progress and present it to relevant researchers, so as to accelerate the knowledge dissemination in this field and promote the application of epigenetics research results in production. You are very welcome to share your valuable research results here.

Guest Editor

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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.

Editor-in-Chief

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