

Special Issue

Towards Understanding Aspects of Plant Development in Horticultural Crops

Message from the Guest Editor

Understanding the genetics regulating different aspects of plant development is a prerequisite for improving the yield and other important characteristics of horticultural crops. In many crops, the environmental conditions, especially photoperiod and temperature, have major effects on generative plant development, i.e., floral induction and inflorescence development. On the other hand, environmental conditions also shape the vegetative characteristics of plants by regulating the timing of vegetative growth. A complicating factor in studying photoperiodic and temperature responses related to plant development is the possible interaction between the environmental variables. Careful experimental design is required for acquiring interpretable results on plant environmental responses. This Special Issue is open for manuscripts that deal with different aspects of genetic regulation of plant development, especially plant responses to environmental conditions. We welcome studies conducted under either a controlled or field environment, as long as the experimental design allows for estimating the effect of environmental conditions.

Guest Editor

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Deadline for manuscript submissions

closed (18 November 2022)



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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

Prof. Dr. Luigi De Bellis
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Technologies (DiSTeBA), Salento University, Lecce, Italy

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