Special Issue

Breeding, Genetics and Genomics of Ornamental Plants

Message from the Guest Editors

Ornamental crops account for more than US $42 billion globally. Public research programs are increasingly participating in ornamental cultivar development and genetic studies. With lower sequencing costs, genomic information of non-model species including ornamental crops is continuously becoming available. Ornamental breeding utilizes a wide array of breeding strategies ranging from traditional crossing and selection methods to the use of next-generation sequencing in genomics and transcriptomics for gene identification and trait development. A continuing search of new species for the ornamentals industry has resulted in the utilization of tools that increase diversity and in the development of alternative methods for obtaining new crops by achieving interspecific and intergeneric crosses. In this Special Issue, we aim to present papers on new breeding methods, novel cultivars and species entering the ornamental industry, the identification of genes conferring novel traits, technological developments in ornamentals research, and the use of next-generation sequencing to improve ornamental plants.

Guest Editors

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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.

Editor-in-Chief

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