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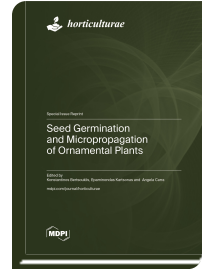
Special Issue Reprint

Seed Germination and Micropropagation of Ornamental Plants

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Ornamental plants have greatly benefited human life and urban environments since ancient times. They are used in interior and exterior landscaping as trees, shrubs, and annual and perennial species and are also cultivated for cut flowers or as pot and foliage plants. New species from the wild are of significant research interest, especially for adaptation to climate change. Both sexual and asexual propagation methods are employed in their production, with many native plant species introduced to support biodiversity and local pollinators. Micropropagation is used for in vitro conservation and producing plant clones with desirable traits for crossbreeding to improve wild species for horticultural use. Xeriscapes could benefit from new species selected for water efficiency, and wildflower meadows can enhance the rural landscape. Research on seed germination and plant tissue culture techniques for ornamental plants in landscaping and floriculture is the focus of this Special Issue. The papers, peer-reviewed by experts and guest editors, are published in *Horticulturae* with full open access. This Special Issue contains thirteen publications, including twelve research articles and one review, showcasing in vitro tissue culture technologies for horticultural species. It offers perspectives for future studies and provides a valuable learning resource for students, technicians, and scientists in plant sciences and agricultural biotechnology.



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