Special Issue

Micropropagation in Horticultural Crops

Message from the Guest Editor

In vitro propagation has significant progress potential for the micropropagation of horticultural crops using semi-solid gelled and liquid media, although clonal fidelity is a significant concern in micropropagation for commercial production. In vitro culture-derived variation (somaclonal variation) can be genetic (heritable) or epigenetic (non-heritable) or a combination of both. Genetic variation may be due to mutation at chromosome and/or gene levels, and epigenetic variation can arise through the insertion, excision, or activation of transposable elements, DNA methylation, and/or segregation of pre-existing chimera tissue. This Special Issue of *Agronomy* focuses on the various innovative micropropagation techniques used for in vitro culture of horticultural crops and the study of micropropagules for the assessment of genetic fidelity and heritable (genetic) and non-heritable (epigenetic) variations in micropropagules of horticulturalcerops.

Guest Editor

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