

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 horticultural crops.

Guest Editor

Dr. Samir C. Debnath

Agriculture and Agri-Food Canada, St. John's Research and Development Centre, Newfoundland and Labrador, St. John's, NL A1E 0B2, Canada

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Agronomy
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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