## **Special Issue**

# Application of In Vitro Culture for Horticultural Crops

#### Message from the Guest Editor

Plant tissue culture is a foundational tool that has facilitated core discoveries in plant biology, as well as the application of biotechnologies for horticultural crop improvement. Since 1902, vast progress has been made in plant culture, and its potential applications have shown great diversity. It has been widely used for the improvement of plant growth, biological activities, transformation, and secondary metabolite production in the past few decades. However, for many species, tissue culture remains a significant research and development bottleneck. This Special Issue will publish the latest research and technological developments in the field of in vitro culture techniques as they pertain to horticultural plants. It will cover various aspects of plant tissue culture, such as micropropagation, somatic embryogenesis and its applications, genetic transformation and genome editing, germplasm conservation, mutagenesis breeding, protoplast and doubled haploid production, bioreactor innovations, the production of disease-free plants and useful metabolites, etc. We welcome both critical reviews of the literature and original descriptive or applied research.

#### **Guest Editor**

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#### Deadline for manuscript submissions

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#### Editor-in-Chief

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