

Special Issue

Tissue Culture-Free Plant Genome Editing and Transgenesis

Message from the Guest Editor

Genome editing and transgenesis have become powerful tools for plant functional genetics research and genetic improvement of agricultural crops. However, the application of gene editing and transgenesis has been slow due to inefficient methods of reagent delivery and the reliance on tissue culture to create gene-edited or transgenic plants. There is a need for novel, alternative approaches to create genetically modified plants more efficiently. This Special Issue aims to cover advances in tissue culture-free plant genome editing and transgenesis technologies and their applications in the functional characterization of plant genes and crop improvement. Original research papers and reviews are welcome.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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