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Plant Transformation and Genome Editing

Guest Editor:

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Deadline for manuscript submissions:

30 June 2024

Message from the Guest Editor

Dear Colleagues,

Efficient and appropriate transformation technologies are essential for genome editing, which will enable major advances in commercial crop product development. In recent decades, tremendous progress has been made in genetic transformation using plant morphogenic genes and plant growth transcription factors, as well as the improvement of tissue culture and DNA delivery efficiency protocols. In addition, the recent discovery of the CRISPR/Cas9 gene-editing system revolutionized the field of plant genetics and breeding. This technology has attracted global attention and has been employed in basic and applied research in numerous crop species.

This Special Issue of *Plants* will highlight the improved/advanced plant transformation technologies, genome-editing efficiency improvement, and novel genome-editing approaches for crop improvement.













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Editor-in-Chief

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Message from the Editor-in-Chief

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