

Special Issue

Plant Transformation and Genome Editing

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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