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Agrobacterium-Mediated Plant Transformation during the Genome Engineering Era

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The rapid emergence of genome editing technologies utilizing the famous CRISPR-Cas systems has revolutionized every single aspect of plant biological research, and only the power of imagination seems the limit of their applications. For most plant biologists, however, the delivery systems for such powerful tools into plant cells still suffer from low efficiencies, and thus are considered as bottlenecks for many plant species. “Nature’s genetic engineer,” the *Agrobacterium* species have served as essential gene delivery systems for diverse plant species, including crops. Enhancing *Agrobacterium*-mediated transformation efficiencies can boost both the fundamental gene functional research and crop breeding applications. This Special Issue of *Plants* will highlight recent advancements in applications of *Agrobacterium*-mediated genome editing tools delivery into various plant cells and provide useful guidance for expanding their future applications.



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Special issue



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Message from the Editor-in-Chief

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