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# **Modern Breeding Tools for Crop Genetic Improvement**

Guest Editor:

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# Message from the Guest Editor

Dear Colleagues,

In the present scenario, crop yields must be increased to meet future global food demand. Plant breeding plays a pivotal role in changing certain traits of crop plants. However, conventional plant breeding methods take more time in developing and delivering crops with desired traits. Modern breeding tools such as Double Haploid technology, marker-assisted breeding, genomics, genetic engineering, RNAi, and genome editing methodologies have been used for crop genetic improvement. The creation of transgenefree edited plants to ensure genomic stability is a major challenge within genome editing. This Special Issue of Plants will include articles discussing crop improvement through modern breeding technologies.













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## **Editor-in-Chief**

# **Prof. Dr. Dilantha Fernando**Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2. Canada

## **Message from the Editor-in-Chief**

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