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Pre-breeding towards the Effective Utilization of Plant Genetic Resources

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Message from the Guest Editor

Dear Colleagues,

Pre-breeding is the first key step in utilizing the genetic diversity present in germplasm collections. It encompasses activities designed to identify agronomic traits and/or genes of interest from un-adapted plant materials that cannot be used directly in breeding and introgressing them into an intermediate form of materials that breeders can readily use to produce improved crop varieties.

This Special Issue on “Pre-Breeding toward the Effective Utilization of Plant Genetic Resources” includes papers on both basic and applied research highlighting all aspects of pre-breeding activities from the evaluation of plant genetic resources to identify donors for desirable agronomic traits to the transfer of these target traits into well-adapted genetic backgrounds by hybridizations to generate populations that can be used for actual breeding programs.



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Special Issue



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Message from the Editor-in-Chief

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