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Pre-breeding towards the Effective Utilization of Plant Genetic Resources Volume II

Guest Editors:

Dr. Rosalyn B. Angeles-Shim

Department of Plant and Soil Science, Texas Tech University, 2500 Broadway, Lubbock, TX 79409, USA

Dr. Balram Marathi

Associate Dean, Agricultural College, Hyderabad 500030, Telangana, India

Deadline for manuscript submissions:

closed (20 October 2022)

Message from the Guest Editors

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 unadapted plant materials that cannot be used directly in breeding and introgressing them into an intermediate form of materials that breeders can readily be used to produce improved crop varieties.

This Special Issue on “Pre-Breeding Toward 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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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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Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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