



Advances in Breeding and Genetics of Wheat Crops

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Message from the Guest Editors

Wheat is an important staple food crop worldwide. The ever-increasing world population and the global climate issues combine to form a major wheat breeding challenge. Although great progress has been made over the past century, a quality and yield plateau now seems to have been reached in wheat breeding. It is essential to widen the genetic base and update the breeding strategy for creating elite wheat varieties that will promote future global food security. Recent advances in new genomic technologies and tools facilitate the identification of key genes and incorporate useful genetic variation for exploitation by wheat breeders.

This Special Issue on the “Advances in Breeding and Genetics of Wheat Crops” cover papers on basic and applied research highlighting fundamental discoveries in the field of genetics, molecular mechanisms of important traits, genetic materials, and new breeding strategies which can improve wheat yield and quality characteristics as well as tolerance to environmental stresses.





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Message from the Editor-in-Chief

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