



## Genetic Research and Breeding of *Triticeae* Crops

Guest Editor:

**Dr. Maja Boczkowska**

National Centre for Plant Genetic  
Resources, Plant Breeding and  
Acclimatization Institute (IHAR)—  
National Research Institute, 05-  
870 Radzików, Poland

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submissions:

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### Message from the Guest Editor

This Special Issue provides a thorough platform for scholars and breeders to exhibit their latest advances, novel ideas, and perceptions pertaining to the genetics and breeding of Triticeae crops.

Genomic Approaches: Using high-throughput genotyping and sequencing technologies for various purposes such as GWAS, genomic selection, comparative genomics, and evolutionary studies.

Functional genomics: Functional characterization of genes related to agronomic traits through gene expression and transcriptomics, and identifying key regulatory elements that influence crop traits.

Breeding strategies for resistance to abiotic and biotic stresses: Development of novel cultivars with improved tolerance to abiotic stresses. Breeding for pest and disease resistance and integration of multiple stress resistance traits into a single cultivar.

Genetic enhancement for improved nutritional value: Breeding for improved processing and end-use qualities, and developing new cultivars with superior sensory attributes.

Climate-resilient varieties: Breeding strategies to adapt Triticeae crops to changing climatic conditions by identifying climate-resilient genetic resources.





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## Editor-in-Chief

### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

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Agriculture Editorial Office  
MDPI, St. Alban-Anlage 66  
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