



## Breeding and Genetic Research of Cereal Grain Quality

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Deadline for manuscript  
submissions:

**closed (25 July 2024)**

### Message from the Guest Editor

This Special Issue deliberates on the concepts, strategies, tools, and techniques of classical genetics and advanced quantitative genetic approaches to measuring the potential of the current cereal genome, including studying breeding strategies, studying evolution patterns, the discovery of superior alleles, discerning new haplotypes, the assessment of intra- and interspecific genome similarity, and studies of gene expression and gene prediction.

The topics of papers we are soliciting include:

- Classical breeding;
- Molecular breeding;
- Quantitative genetics of grain-quality traits;
- Allele mining;
- Association mapping of grain-quality traits;
- Genetic mapping of grain-quality traits;
- Pre- and post-harvest scenarios affecting grain-quality traits;
- Biotic factors affecting grain quality in cereals;
- Abiotic factors affecting grain-quality traits;
- Agronomic factors affecting the grain quality in cereals;
- Plant physiology and potential relationship with the grain quality;
- Carbon partitioning and translocation and their potential impact on grain quality;
- Optimization of the milling methods to improve grain quality.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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