

Special Issue

Molecular Research for Cereal Grain Quality 2.0

Message from the Guest Editor

With the increase in standard of living, our desire for a better life requires more production of high-quality cereal foods. However, that is constrained due to a limited understanding of the molecular mechanisms of grain quality formation. Some compositions in all the cereals are present in a unique cereal. The biosynthesis and regulation mechanisms on the accumulation of these major or minor compositions in the cereal grain affect the end-use quality of cereals. Structure–function relations are important clues necessary for understanding which factors affect the grain quality.

This Special Issue aims to provide a forum on the most recent advances in the field of application of molecular tools to understand the mechanisms used for improving the grain quality in any cereals.

Any papers using novel molecular tools to solve problems in cereal grain quality are welcome. The molecular tools include (but are not limited to) genetic mapping, transformation, genome editing, genome selection, omics, and other molecular biology techniques.

Guest Editor

Prof. Dr. Jinsong Bao
College of Agricultural and Biotechnology, Zhejiang University,
Hangzhou 310058, China

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4052 Basel, Switzerland
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Prof. Dr. José L. Quiles
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