

Special Issue

Molecular Research for Cereal Grain Quality

Message from the Guest Editors

While cereal production is important for food security, cereal grain quality features determine consumer acceptability and market value. With the increase in standard of living, our desire for a better life requires more production of high quality cereal foods. However, our capabilities to provide high quality cereal grain are constrained due to the limited understanding of molecular mechanisms of grain quality formation. Therefore, more molecular studies are necessary to discover the regulation mechanism underlying grain quality formation for the improvement of 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 mechanism for improvement of 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 not limited to molecular markers, genetic mapping, transformation, genome editing, genome selection, and other molecular biology techniques.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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