

Special Issue

Grain Quality: Genetic Diversity for Technological Diversity

Message from the Guest Editors

Wheat is one of the most ancient agricultural crops accompanying the development of human civilization. It has spread widely across the globe and has formed a large variability for end uses in different countries. For the purposeful creation of wheat varieties with a specific end use, knowledge of the genetic control of the formation of chemical and structural properties of the endosperm is required. In contrast to the relatively good knowledge of the biochemical properties of the components of grain endosperm, the genetic dynamics of their formation has not yet been sufficiently studied. We welcome both phenotypic studies of wheat accessions in terms of grain quality and their end use, as well as genomic studies of mapping loci associated with different technological properties of grain, flour, and dough.

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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