

Special Issue

Cereals: Aspects of Quality, Health, Technology, and Innovation

Message from the Guest Editors

The consumer awareness on the nutritional and healthy properties that cereals and cereal foods may have and the demand for foods with increased nutritional and healthy potential, led research to deepen the knowledge about several aspects regarding cereals and cereal foods quality and health. However, it should be noted that phytochemical profile could vary among cereal species and genotypes within species, influencing their quality, technological, and healthy characteristics and often the end use. Moreover, the continuous demand for improved, functional, less refined foods led research, farmers, and industries to develop innovations to obtain cereal foods able to satisfy consumer expectations in terms of high quality, healthiness, and novelty without underestimating the aspect of sustainability. This Special Issue will present recent development in cereal quality, health, technology, and innovations, focused on cereal molecular, biochemical, chemical, and technological aspects aiming at improving quality, healthy and technological characteristics of cereal grains and their products, also through the application of innovative technologies and the development of new cereal products.

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Message from the Editor-in-Chief

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, and 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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