



From Biofortification in Microelements of Grains to Food Products by Traditional and Innovative Methods

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Message from the Guest Editor

Dear Colleagues,

Biofortification is the process used to increase the concentration of a nutrient in edible portions of plants through agronomic techniques, post-harvest processes (i.e., malting), and genetic selection by plant breeding. An important part of the population suffers from dietary deficiency in essential micronutrients, i.e., iron (Fe), zinc (Zn) and selenium (Se), and a novel challenge in agriculture is the production of biofortified grains to improve the nutrition status of the consumers, while allowing the producers to offer a more valuable product.

In the future, grain biofortification should consider innovative approaches from field agronomics techniques to post-harvest methods in order to obtain dense grains for developing novel foods with improved properties on human health, also taking into account the stability of the products during long-term storage and the bioavailability of the microelements of the fortified products.





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Message from the Editor-in-Chief

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