

Special Issue

Cereal Genetics, Breeding and Wide Crossing

Message from the Guest Editors

Since the beginnings of agriculture, cereals have provided the main source of calories for humankind. The main challenges for cereal breeders and geneticists are related to facing forceful environmental threats.

Breeding new cereal varieties with desirable agronomic, quality, and (a)biotic traits is one of the most crucial strategies for increasing yield to ensure worldwide food security and social stability. Improvement in these traits requires an understanding of plant biology and genetics. Thanks to constantly developed biotechnological methods, both traditional and innovative molecular genetics, it is possible to expand the breeding possibilities. The advancement of molecular biology and genomics has broken down many breeding barriers so far; however, other methods as genome editing are still being ameliorated. Therefore, we would like to invite you to participate in our Special Issue in Agriculture which will disseminate recent research devoted to molecular, genetics, and breeding techniques intended to further improve cereal crops.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2023)



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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