

Special Issue

Advances in Functional Genomics for Crop Improvement

Message from the Guest Editors

In recent years, several advancements in functional genomic approaches and tools, have been attained. These tools have been utilized or are being utilized for numerous purposes, including nutritional improvement and stress tolerance in several agricultural and horticultural crop species. In this context, advancements in the use of functional genomics and genome engineering tools for crop biofortification for nutritional improvement, nutraceuticals improvement, flavonoid enrichment, yield improvement, disease resistance, virus resistance, abiotic stress tolerance, etc. should be covered in this field. Moreover, the applications of these tools in oil seed crops, vegetables, ornamental plants, etc., should also be included. This Special Issue focuses on the application of advances in functional genomics approaches for the nutritional, quality, and yield improvements in various agricultural and horticultural crops. For this reason, it welcomes highly interdisciplinary quality studies from disparate research fields, including agriculture, horticulture, functional genomics, plant biotechnology, gene cloning, characterization, etc. Original research articles and reviews are accepted.

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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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