

Special Issue

Crop Improvement through Conventional and Molecular Approaches

Message from the Guest Editors

It is essential to understand the ongoing developments in various aspects of crop improvement. Germplasm identification for various traits of economic interest and searching for novel food sources by amalgamating the conventional and modern breeding tools are essential for the food and nutritional security of the global population. This Special Issue on 'Crop Improvement Through Conventional and Molecular Approaches' aims to focus on areas such as the use of classical breeding methods, molecular mapping of genes/QTLs, RNA-Seq, genomics, gene-editing technology, metabolomics, speed breeding, and transgenics development for various economic traits including biotic and abiotic stresses and quality traits. It aims to cover interdisciplinary studies embracing agriculture with disciplines of biology, botany, genetics and plant breeding, biochemistry, plant genetic resources, and biotechnology. Research articles will cover a broad range of crops including field, commercial, and horticultural crops. All types of articles, including original research, opinions, and reviews, are welcome.

Guest Editors

Prof. Dr. Gyan Prakash Mishra

Prof. Dr. Harsh Kumar Dikshit

Prof. Dr. Sanjeev Gupta

Deadline for manuscript submissions

closed (20 March 2023)



Agriculture

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Impact Factor 3.6
CiteScore 6.3



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About the Journal

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

Prof. Dr. Les Copeland

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