



Advances in Functional Genomics for Crop Improvement

Guest Editors:

Dr. Santosh Kumar Upadhyay

Department of Botany, Panjab University, Chandigarh 160014, India

Prof. Dr. Kashmir Singh

Department of Biotechnology, Panjab University, Chandigarh 160014, India

Dr. Prashant Misra

Indian Institute of Integrative Medicine (CSIR), Canal Road, Jammu 180001, India

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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.





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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