



Application of Genome-Wide Association Analysis and Genomic Selection in Crop Genetic Research

Guest Editors:

Dr. Vijay Gahlaut

Biotechnology Division, CSIR-
Institute of Himalayan
Bioresource Technology,
Palampur 176061, India

Dr. Vandana Jaiswal

Biotechnology Division, CSIR-
Institute of Himalayan
Bioresource Technology,
Palampur 176061, India

Dr. Sandeep Kumar

Division of Genomic Resources,
ICAR-National Bureau of Plant
Genetic Resources, New Delhi
110012, India

Deadline for manuscript
submissions:

closed (20 November 2023)

Message from the Guest Editors

The Special Issue aims to compile the recent advances in the area of GWAS, GS, and their applications in crop improvement. We encourage submitting research and review articles related to the area, including GWAS using high-density markers, multi-locus, and multi-trait GWAS, haplotype mapping, advanced software and tools for GWAS, and utilizing GWAS in crop improvement, etc.

Keywords:

- complex traits
- abiotic stress
- phenotypic variation high-throughput genotyping
- quantitative trait loci
- haplotypes
- linkage disequilibrium
- multi-locus GWAS





an Open Access Journal by MDPI

Editor-in-Chief

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

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi