

## Special Issue

# Molecular Genetics and Plant Breeding 2.0

### Message from the Guest Editors

Plant breeding is a historical academic discipline which laid the foundations of modern agriculture. The principles of classical breeding are still the nucleus of modern breeding science and industry. On the other hand, recent methodological advancements in genomics, biotechnology, molecular biology, and bioinformatics have revolutionized the area of plant breeding and its linkages with related disciplines. These developments have opened new interdisciplinary areas of plant breeding with quantitative genetics, genomics, agro-biotechnology, and bioinformatics. This special issue will focus on innovative research on the exploration and utilization of crop biodiversity for improving essential breeding traits using molecular techniques and to replenish the genetic potential of the cultivated gene pool for yield and sustainability.

#### Keywords

- crop biodiversity
- wild accessions
- molecular breeding
- drought stress adaptation
- disease resistance
- predictive breeding
- genomic prediction

**\*An early-bird discount** will be offered for submission before the deadline.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



## International Journal of Molecular Sciences

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