

Special Issue

Barley Genetic Resources: Advancing Conservation and Applications for Breeding

Message from the Guest Editors

Dear colleagues, Gene banks harbor a large “green treasure” of plant genetic resources (PGRs). The growing world population requires support through a constant increase in agricultural production on the same or less arable land. A changing climate is forcing plant breeders to develop plant cultivars with effective and durable resistance to biotic and abiotic stresses. These breeding activities can be supported by a broader exploitation of PGR through intensive phenotyping and genotyping of barley collections worldwide, using advanced molecular, biochemical, and physiological methods. This Special Issue will focus on “Barley Genetic Resources: Advancing Conservation and Applications for Breeding”. Contributions in the form of novel research, review, and opinion articles covering all aspects of the conservation of barley genetic resources and their application in breeding are welcome.

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