

Special Issue

The Genetic Improvement of Barley

Message from the Guest Editors

A recent climate model predicts that global climate change is expected to increase the frequency and severity of extreme weather events in many regions worldwide, resulting in substantial crop yield losses and jeopardizing food security. A key step in resolving this problem is to breed crops that carry diverse resistance genes. Barley (*Hordeum vulgare* L.) is mainly used in feed, malt production, and food and has genes that allow wide environmental adaptability and stress resistance. This Special Issue of *Plants* will focus on the exploration of valuable genetic diversity, the identification of functional genes with potential significance, and genome-scale breeding technologies in barley.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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