

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.

Guest Editors

Prof. Dr. Jerzy Henryk Czembor

Plant Breeding and Acclimatization Institute—National Research Institute, Radzików, 05-870 Błonie, Poland

Prof. Dr. Alan H. Schulman

Luonnonvarakeskus, LUKE, Helsinki, Finland

Prof. Dr. Guoping Zhang

College of Agriculture and Biotechnology, Zhejiang University, Hangzhou 310058, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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