

Special Issue

Rye Genetics, Genomics and Breeding

Message from the Guest Editors

Rye was domesticated first in Anatolia from wild grass of *Secale strictum*. In Europe, and later in some other regions of the world, it became to flourish in unforgiving environments and poor soils. For long, it served as a main cereal crop of Northern Europe. Despite formidable achievements during the last few decades, particularly by utilization of hybrid varieties, major challenges in rye production remain. Breeding of cultivars with high yield potential, strong fungi defense, and targeted grain qualities is inevitable to further advance rye to a high-performance crop with different types of end-use. Progress in rye phenomics and functional genomics research is focused on improved growth and development.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2023)



Plants

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Impact Factor 4.1
CiteScore 7.6
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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, 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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