Special Issue

Genetic Diversity of Wheat Fungal Diseases

Message from the Guest Editors

Wheat is one of the main staple crops worldwide. Fungal diseases cause significant yield losses and alterations in the chemical properties and quality of grain. Climate change, modern soil-saving farming systems, the variety of varieties, and the use of highly specialized fungicides contribute to the expansion of the range and increase in the genetic diversity of widely distributed fungal species, as well as the emergence of new ones. The study of changes in pathogen populations is a pre-requisite for releasing new resistant cultivars. The intensive and continuous cultivation of uniform crop varieties enhances opportunities for pathogen evolution and the natural selection of new strains able to attack their hosts successfully.

Modern methods of molecular diagnostics, the genetic variability and diversity of pathogen populations, new data on the effects of wheat fungal diseases on grain yield and quality, and the analysis of phytopathogenic complexes and their variability are planned to be discussed in this Special Issue.

Guest Editors

Dr. Elena Gultyaeva

Prof. Dr. Jevtić Radivoje

Dr. Philipp B. Gannibal

Deadline for manuscript submissions

closed (20 April 2023)



Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



mdpi.com/si/117643

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

mdpi.com/journal/agriculture





Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

