

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

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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