

Special Issue

Plant Pathology and Epidemiology for Grain, Pulses, and Cereal Crops

Message from the Guest Editors

Grain, pulses, and cereal crops provide a variety of nutrients for humans around the world. However, they are threatened by various pathogens and diseases, which may not only reduce their yield and quality, but may also affect environmental and social safety. The methods for forecasting and controlling these diseases have been updated and optimized to ensure the health of grain, pulses, and cereal crops. With the rapid development of molecular biology methods and modern information technology, significant advances and a series of research results have been achieved in plant pathology and epidemiology for grain, pulses, and cereal crops, especially in pathogenic mechanisms, the disease resistance mechanisms of hosts, pathogen–host/vector–pathogen–host interaction mechanisms, and monitoring and forecasting the pathogens and diseases, providing support for their effective and sustainable control. This Special Issue will collect original papers focusing on the topics in the scope of plant pathology and epidemiology for grain, pulses, and cereal crops, aiming to broaden our understanding of the related pathogens and diseases for their sustainable management.

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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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