

Special Issue

Genes in Wheat Scab Fungus *Fusarium graminearum*

Message from the Guest Editors

This Special Issue aims to attract studies that contribute to enhance our understanding on pathogen biology, host–pathogen interactions, host resistance to diseases, and disease management related to *Fusarium* head blight (FHB). In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: 1) biology of *F. graminearum* towards gaining greater insight into the infection process and the weak spots in the disease cycles;

2) biosynthesis and regulation of trichothecene mycotoxins in *F. graminearum*;

3) interaction between *F. graminearum* and its hosts, and plant immunity against *F. graminearum*;

4) new strategies towards the control of FHB and trichothecene mycotoxins production;

5) population diversity and adaptive evolution of *F. graminearum* revealed by genomics and population genomics. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Cong Jiang

Prof. Dr. Wenhui Zheng

Prof. Dr. Haifeng Zhang

Deadline for manuscript submissions

closed (31 December 2022)



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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).