Special Issue

Molecular Identification and Phylogeny of Crops Pathogenic Fungi

Message from the Guest Editors

Plant pathogenic fungi are a significant group of microorganisms causing crop yield loss as well as reduction of agricultural products quality.
An actual control strategy against fungal diseases in plant protection requires deep knowledge of the species within fungi infected the plants. Molecular biology tools allow accurate identification of the fungal species and help to significantly expand the understanding of the diversity of fungi, many species of which have not yet been found and studied. The phylogenetic analysis of fungal populations reveals the intraspecific diversity and provides a new insight into the speciation of fungal taxa and microevolution.
This Special Issue on «Molecular Identification and Phylogeny of Crops Pathogenic Fungi» welcomes original articles on studies of fungal populations and species of well-known plant pathogens, and emerging fungi associated with a wide range of crops: cereals, legumes, oilseeds, vegetables, and fruits.

Guest Editors

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Dr. Philipp B. Gannibal
Dr. Aleksandra S. Orina

Deadline for manuscript submissions

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

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