

Special Issue

Plant Pathogenic Fungi: Molecular Systematics, Genomics and Evolution

Message from the Guest Editor

Plant pathogenic fungi are a key study aspect in agriculture-, horticulture-, and forestry-related fields. This special issue aims to explore and discuss the latest advancements in plant pathogenic fungi, with a particular focus on their molecular systematics, genomics, and evolution. We welcome contributions that cover a broad range of topics, including, but not limited to, the following: Genome sequencing and annotation of plant pathogenic fungi; Transcriptome analyses of plant pathogenic fungi; Comparative genomics of plant pathogenic fungi; Multi-omics analyses of plant pathogenic fungi; Molecular evolution of plant pathogenic fungi; Genes, including virulence genes' mining of plant pathogenic fungi Isolation and molecular identification of novel plant pathogenic fungi; We encourage the submission of original research articles, reviews, and perspectives. We look forward to your active participation and high-quality submissions to jointly advance the study of plant pathogenic fungi.

Guest Editor

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Deadline for manuscript submissions

25 June 2026

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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