



Genomics Analysis of Fungi

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Message from the Guest Editor

Genomic sciences and interdisciplinary approaches have revolutionized the understanding of fungal biology, evolution, chromosomal variation, taxonomy, systematics, ecology, and pathogenesis. High-throughput DNA sequencing methods, advances in bioinformatics tools, and the availability of genomic databases have become mainstays of contemporary mycology. Moreover, functional genomics based on RNA sequencing technologies allows for the identification of gene subsets involved in the production of phenotypes of interest.

In this vein, we welcome manuscripts on structural, comparative, functional and population genomics, phylogenomics, metagenomics, and epigenomics. The proposed Special Issue of Journal of Fungi on “Genomics Analysis of Fungi” is intended to collect papers aiming to understand how fungi interact with diverse ecosystems.

Keywords:

- genomics
- DNA sequencing
- RNA sequencing
- transcriptomics
- fungi
- metagenomics
- epigenomics





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Message from the Editor-in-Chief

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