

Special Issue

Fungus: Diversity, Genomics and Genetics

Message from the Guest Editors

Fungal organisms are a heterogeneous group that is widely distributed worldwide and can be isolated from diverse ecosystems, from desert areas to frozen areas, such as Antarctica. Fungal diversity is still a little-explored topic. The important number of cryptic species described in several genera makes it necessary to incorporate multi-locus and phylogenetic studies to gain adequate knowledge of their taxa's true diversity. Genomics constitute the basis of countless studies focused on knowing and understanding the mechanisms of the pathogenicity, production, and secretion of metabolites of biotechnological interest, as well as on the interactions with other microorganisms and with plant, human, and animal hosts. This Special Issue aims to expand our knowledge on the diversity of fungal species from clinical or environmental origins, especially in the few explored substrates or geographical regions. Thus, it welcomes research that includes genomics or genetic studies based on multi-locus or multi-omics analyses with the goal of increasing our understanding of fungi and their interactions.

Guest Editors

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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.

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