

Special Issue

New Developments in Mycology

Message from the Guest Editor

This special issue explores advancements in mycology, focusing on new fungal species discoveries, genus reviews, and the ecological importance of fungi. Fungi play crucial roles in ecosystems by aiding in organic matter decomposition, soil formation, and plant interactions through symbiosis, such as mycorrhizae. Recent reviews highlight trends in fungal diversity, population genetics, and phylogeography. Molecular markers reveal significant cryptic genetic diversity within known species, indicating multiple divergent lineages that are largely reproductively isolated. Evidence of sexual recombination underscores the importance of sexual spores in natural populations. Geographic separation is a key factor in structuring populations, though its effects vary among species. This issue aims to enhance understanding of fungal diversity and functionality across various habitats, addressing taxonomy, ecology, and biotechnological potential like bioremediation. Researchers are invited to submit original articles and reviews to foster knowledge exchange and collaboration, emphasizing fungi's relevance to ecosystem sustainability. Manuscripts can be submitted via our platform.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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