



New Advances in Fungal Infections Research

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Message from the Guest Editors

Dear Colleagues,

Fungal infections are a neglected threat. Although most of the affected are immunocompromised individuals, some fungal species also infect those who are immunocompetent. Many pathogenic fungal species are part of the natural environment. Inhalation of fungal spores and contact with skin are significant routes of infections, mainly in immunocompromised individuals. The severity of fungal infection can range from allergic rashes to meningitis. Candidiasis, cryptococcosis, mucormycosis, coccidioidomycosis, and aspergillosis are common fungal diseases. Multidrug-resistant *Candida auris* is a serious concern, causing outbreaks in healthcare systems. Drug resistance in *Cryptococcus neoformans*, *C. gattii*, and *Aspergillus fumigatus* has also been reported. Hence, identifying new antifungal targets is the need of the hour.

This Special Issue will consolidate the recent developments in fungal disease research. Original research articles, reviews, and minireviews on antifungal drug discovery, virulence, resistance factors, new diagnostic techniques and treatments, the molecular mechanism of drug resistance, and related topics are invited.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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