Special Issue

Fungal Infections and Antifungal Agents

Message from the Guest Editor

Fungal infections represent a growing concern in both human and veterinary medicine, affecting a wide range of hosts and resulting in significant morbidity and mortality. The emergence of resistant strains, coupled with the limited number of effective antifungal agents, underscores the urgent need for new diagnostic and therapeutic approaches. This Special Issue aims to bring together high-quality research, case reports, and reviews that address the epidemiology, pathogenesis, diagnosis, and treatment of fungal infections across different species, including humans. We encourage the submission of works that investigate host–pathogen interactions, resistance mechanisms, the discovery of new antifungal drugs, and innovative therapeutic strategies, such as natural products, drug combinations, and nanotechnology-based systems. Contributions that integrate findings between human and animal health, from a One Health perspective, are particularly welcome. By integrating clinical, laboratory, and field data, this Special Issue seeks to foster a comprehensive understanding of fungal diseases and promote the development of more effective antifungal interventions.

Guest Editor

Dr. Stefanie Bressan Waller

Department of Clinical Pathology, Veterinary Mycology Section, Faculty of Veterinary Medicine, Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, RS, Brazil

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

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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.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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