

# Special Issue

## Invasive Fungal Infections: Immunomodulation and Molecular Biology

### Message from the Guest Editor

The Special Issue invites original research articles, reviews, and perspectives that cover a broad range of topics within invasive fungal infections, immunomodulation, and molecular biology, including, but not limited to:

- Host-fungal interactions and immune responses in invasive fungal infections;
- Mechanisms of fungal immune evasion and modulation of host defenses;
- Molecular mechanisms of fungal virulence and pathogenicity;
- Fungal biofilm formation and its role in invasive infections;
- Drug resistance mechanisms and antifungal therapy development;
- Genomic and proteomic approaches in understanding fungal pathogenesis;
- Immune-based therapies and immunomodulation strategies for fungal infections.

### Guest Editor

Dr. Thiago Aparecido Da Silva

Department of Clinical Analysis, School of Pharmaceutical Sciences in Araraquara (FCFAR), Sao Paulo State University (UNESP), Araraquara 14800-903, Brazil

### Deadline for manuscript submissions

closed (30 June 2025)



**Microorganisms**

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*Microorganisms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[microorganisms@mdpi.com](mailto:microorganisms@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for  
Environmental Research, 04318 Leipzig, Germany

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).