

Special Issue

Neuroimmunity and Autoimmunity in Fungal Infections

Message from the Guest Editor

The relationship between fungal infections, systemic immunity, and nervous system health is increasingly recognised but remains poorly defined. Fungal pathogens can influence the nervous system through distinct yet interconnected immune axes. Indirect neuroimmune effects arising from antifungal immune responses outside the CNS are equally important. Interactions between the host and the mycobiome, particularly at mucosal surfaces, can establish systemic inflammatory states that influence CNS immune tone.

We particularly encourage submissions in the following areas:

1. Mechanisms of fungal-induced CNS immune activation, including microglia, astrocyte, and border-associated glia responses.
2. Systemic immune imprinting by fungal colonization or infection and its impact on CNS inflammatory thresholds or autoimmune susceptibility.
3. Host genetic determinants that shape neuroimmune outcomes during or following fungal exposure, including variation in, e.g., immune adaptors, cytokine signalling pathways, and antigen presentation, etc.
4. Clinical, translational, or biomarker studies examining fungal exposure, antifungal immunity, and neurological or psychiatric disease outcomes.

Guest Editor

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Deadline for manuscript submissions

30 June 2026



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/262295

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Message from the Editor-in-Chief

The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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