

Special Issue

Antifungal Peptides

Message from the Guest Editor

Fungal pathogens are a worldwide threat to human health. *Candida albicans*, which is normally a commensal resident of the oral cavity, can cause oropharyngeal candidiasis (OPC) in an individual whose immune system is compromised. Although our understanding of factors that tip the balance from commensalism to virulence is incomplete, disruption of the microbiota and host epithelial barriers or alterations in host innate immunity including antimicrobial peptides are predisposing factors for development of mucosal candidiasis by *C. albicans* and other related *Candida* species. *C. albicans* resides not only in the oral cavity, but also in the GI tract where its colonization may serve as a niche for systemic dissemination upon alteration of host defenses. Antimicrobial peptides are attractive as an alternative treatment since their mechanism of action is distinct from most antifungal drugs. Several human salivary or tissue-derived peptides, including histatins, lactoferrins, defensins, cathelicidins, and calprotectins, may serve as novel antimicrobial agents.

Guest Editor

Prof. Dr. Mira Edgerton

Department of Oral Biology, University at Buffalo, Buffalo, NY 14214, USA

Deadline for manuscript submissions

closed (31 December 2017)



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/9923

Journal of Fungi
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jof@mdpi.com

mdpi.com/journal/

[jof](https://jof.mdpi.com)





Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/journal/

[jof](https://mdpi.com/journal/)



About the Journal

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

Prof. Dr. David S. Perlin
Hackensack Meridian Health Center for Discovery and Innovation, 340
Kingsland Street, Nutley, NJ 07110, USA

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q1 (Mycology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)