

Special Issue

Antifungal Peptides 2020

Message from the Guest Editor

Dear colleagues, Host defense peptides (also called antimicrobial peptides) are ubiquitous in nature, found in all species examined to date. As broad-spectrum antibiotics, they are under intense study to be developed as new antimicrobial agents. Further, their roles in innate host defense are also being studied with an eye toward regulating their expression in order to enhance immunity to infection. In this Issue, we wish to focus on the antifungal activity of these peptides. Of particular interest are studies and reviews on antifungal activities of naturally occurring peptides; synthetic analogues and mimetics of these peptides; regulation of the genes that encode antifungal peptides; their mechanisms of action; and studies on resistance. Studies on emerging fungal pathogens such as *Candida auris* and on fungal biofilms are especially welcome.

Guest Editor

Prof. Dr. Gill Diamond

Department of Oral Immunology and Infectious Diseases, University of Louisville School of Dentistry, Louisville, KY 40292, USA

Deadline for manuscript submissions

closed (31 July 2020)



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/42431

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 4.3
CiteScore 8.7
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, CAPIus / SciFinder, AGRIS, and other databases.

Journal Rank:

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