



New Perspectives on Fungal Molecular Biology Research

Guest Editor:

Dr. Paloma Sánchez-Torres

Food Biotechnology Department,
Instituto de Agroquímica y
Tecnología de Alimentos (IATA),
Consejo Superior de
Investigaciones Científicas (CSIC),
Catedrático Agustín Escardino
Benlloch 7, 46980 Paterna,
Valencia, Spain

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

Fungi have been studied for their importance from the biotechnological point of view due to their ability to produce different compounds (enzymes, primary and secondary metabolites, etc.) and at the same time for their pathogenicity. Recent developments in fungal genome engineering have opened a new frontier by implementing the CRISPR-Cas9 technology and synthetic biology tools contributing to the development of new perspectives on fungal molecular biology research.

This Special Issue will focus on any type of study addressing the different molecular approaches developed for fungal biotechnology and on potential new target strategies to control fungal infections based on virulence factors and signal transduction pathways underlying the control of infection mechanisms.

We believe that this Special Issue will provide an up-to-date overview and new insights into the potential of molecular studies in fungi.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. David S. Perlin
Hackensack Meridian Health
Center for Discovery and
Innovation, 111 Ideation Way,
Nutley, NJ 07110, USA

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.

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)

Contact Us

Journal of Fungi Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jof
jof@mdpi.com
[X@JoF_MDPI](https://twitter.com/JoF_MDPI)