

Special Issue

Molecular Markers for Fungal Detection and Identification

Message from the Guest Editor

The latest estimates indicate a total of 1.5 million fungal species, only half of them described, ubiquitously distributed through almost all the ecological niches from the biosphere. These microorganisms are widely known for their recycling capacity of organic matter and their significant role in pathogenesis, either in humans, animals, or crops. Since its development in the early 1980s, molecular techniques based on polymerase chain reactions have revolutionized the molecular diagnosis of fungi, allowing a rapid, unambiguous detection and identification of these organisms. Among these markers are Short Tandem Repeat (STR), Single Nucleotide Polymorphism (SNP), small Insertions or Deletions (InDels), and DNA barcoding, each presenting their own advantages and disadvantages. As such, the present Special Issue on "Molecular markers for fungal detection and identification" aims to perform a literature review welcoming both research and review manuscripts of the most recent advances on this topic.

Guest Editor

Dr. Manuela Oliveira

1. Associate Laboratory i4HB-Institute for Health and Bioeconomy, University Institute of Health Sciences, CESPU, Avenida Central de Gandra 1317, 4585-116 Gandra, Portugal
2. UCIBIO, Research Unit on Applied Molecular Biosciences, Forensic Sciences Research Laboratory, University Institute of Health Sciences (IH-TOXRUN, IUCS-CESPU), Avenida Central de Gandra 1317, 4585-116 Gandra, Portugal

Deadline for manuscript submissions

closed (30 June 2022)



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/93456

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

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



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)