



Molecular Diagnosis, Genetics and Evolution of Human Pathogenic Fungi

Guest Editors:

Dr. Raquel Cordeiro Theodoro

Institute of Tropical Medicine of
Rio Grande do Norte, Federal
University of Rio Grande do
Norte, Natal, Brazil

Dr. Thales Domingos Arantes

Instituto de Patologia Tropical e
Saúde Pública, Universidade
Federal de Goiás, Goiás, Brazil

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Over the past few years, accumulated knowledge about fungal genomics and genetics facilitated the enhanced understanding of many pertinent aspects for medical mycology, such as (i) fungal taxonomy, as more and more phylogenetic molecular markers become available; (ii) fungal cryptic speciation; and (iii) the impact of fungal genetic variability in virulence, parasite–host interactions, fungal eco-epidemiology, clinical aspects of mycoses, and antifungal susceptibility. An understanding of certain fungal species as a variable population has improved the tools for molecular diagnostic and genotyping of many important fungal pathogens. Therefore, this Special Issue of JoF welcomes research and review papers about fungal genetics and evolution and their impact on the pathogenesis and diagnostic of fungal diseases.

Keywords:

- pathogenic fungal
- virulence
- antifungal susceptibility
- molecular variability
- molecular diagnostic
- phylogeny
- evolution





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. David S. Perlin

Hackensack Meridian Health
Center for Discovery and
Innovation, 340 Kingsland Street,
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 - Q2 (*Mycology*) / CiteScore - Q1 (*Ecology, Evolution, Behavior and Systematics*)

Contact Us

Journal of Fungi
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/jof
jof@mdpi.com
 @JoF_MDPI