

Regulation of Fungal Morphogenesis and Gene Expression

Guest Editor:

Dr. Paula R. Sundstrom

Geisel School of Medicine at
Dartmouth, Microbiology, and
Molecular Pathogenesis
Program, Hanover, NH, USA

Deadline for manuscript
submissions:

closed (30 November 2018)

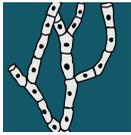
Message from the Guest Editor

Dear Colleagues,

Many fungi adapt to dynamic environmental conditions by changing their cellular growth patterns while simultaneously altering gene expression. For fungal pathogens, morphogenesis and gene expression changes are critical for invasion of host tissue and disease. Understanding the fundamental mechanisms that ensure appropriate gene expression patterns and levels during and following morphogenesis could open up new avenues for interfering with the pathogenic properties of fungi. While progress has been made in identifying the proteins that carry out changes in cell growth patterns during morphogenesis and the transcription factors that regulate gene expression changes, little is known about how these processes are coordinated. More research is needed to determine if there is crosstalk between the morphogenesis machinery and transcription factors, or if these two processes respond to environmental conditions independently.

Sincerely,
Dr. Paula R. Sundstrom
Guest Editor





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 - Q2 (*Mycology*) / CiteScore - Q1 (*Ecology, Evolution, Behavior and Systematics*)

Contact Us

Journal of Fungi Editorial Office
MDPI, St. Alban-Anlage 66
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)