



an Open Access Journal by MDPI

# **Fungal Diversity and Ecology in Extreme Environments**

Guest Editor:

### Prof. Dr. Tamotsu Hoshino

Bioproduction Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), 2-17-2-1, Tsukisamu-higashi, Toyohira-ku, Sapporo 062-8517, Japan

Deadline for manuscript submissions: closed (31 December 2024)

### Message from the Guest Editor

Dear Colleagues,

Fungi are one of the most adapted eucaryotic organisms on our planet. We can find them on all surfaces of Earth, from the bottom of the deep sea to the stratosphere, Polar regions to deserts, or acidic and alkaline waters. Their diversity in these environments is still unknown; however, this research field has recorded and updated several new findings because these environments occupy massive areas on Earth.

In this Special Issue, we focused on and discussed fungal diversity (including taxonomical and phylogenic results) and ecological research (including physiological and biochemical findings) relating various extreme environments (extreme conditions such as temperature, pH, humidity and accessibility to different energy sources or under high pressure). We welcome your consideration to submit a manuscript, including applied research results.

Prof. Dr. Tamotsu Hoshino *Guest Editor* 



mdpi.com/si/180425







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 - 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