

## Special Issue

# Determination, Control Strategies, and Biosynthesis of Mycotoxins in Food and Feed

### Message from the Guest Editor

Mycotoxins are toxic secondary metabolites produced by fungi. Mycotoxigenic fungi can grow on foods such as fruits and agricultural crops (including grains) and produce mycotoxins under warm and humid conditions. The mycotoxin contamination of food and feed causes mainly economic losses and serious health problems to humans and animals worldwide since it can produce a variety of adverse health effects. The aim of this Special Issue entitled 'Determination, Control Strategies, and Biosynthesis of Mycotoxins in Food and Feed' is to gather recent advances in mycotoxin research with emphasis on the detection and determination of major mycotoxin levels in food and feed, effective control strategies to reduce mycotoxin contamination in food and feed, and the biosynthetic pathways of mycotoxins produced by fungi in food and feed.

---

### Guest Editor

Prof. Dr. Sung-Yong Hong

Department of Food and Nutrition/Department of Functional Food,  
Hanyang University, Seoul 04763, Republic of Korea

---

### Deadline for manuscript submissions

closed (10 December 2024)



## Journal of Fungi

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 8.4  
Indexed in PubMed



[mdpi.com/si/198411](https://mdpi.com/si/198411)

*Journal of Fungi*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jof@mdpi.com](mailto:jof@mdpi.com)

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



## 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, CAPIus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

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