

## Special Issue

# Fungal Biotechnology and Bioprocesses

### Message from the Guest Editors

Advances in microbial biotechnology and bioprocesses have allowed new or improved molecules, biomass, and biological agrichemicals to be obtained. Therefore, biopharmaceuticals, cosmeceuticals, nutraceuticals, edible biomass, fuel enzymes and bioinsecticides have become a reality. Microorganisms have also been successfully utilized in the bioremediation of degraded areas and the treatment of effluents. High-throughput screening, induced and target-selected mutations, genome editing, metabolic engineering, bioreactor improvement, and high-performance downstream processing are some practices that make it possible to obtain the desired goods from microbes. Given their great diversity, ease of genetic manipulation, and adaptability to production conditions, fungi have been proposed as fundamental organisms for these processes. In this Special Issue, we invite dedicated researchers and developers to contribute manuscripts that offer novel insights into the capacity of these organisms to obtain resources. Submissions that address omics sciences, strain screening, genetic betterment, upstream and downstream processes, biotransformations, and biomimicry are welcome.

### Guest Editors

Prof. Dr. Edvaldo Antonio Ribeiro Rosa

Xenobiotics Research Unit, School of Medicine and Life Sciences,  
Pontifícia Universidade Católica do Paraná, Curitiba, Brazil

Prof. Dr. Sanjai Saxena

Department of Biotechnology, Thapar Institute of Engineering and  
Technology, Patiala 147004, Punjab, India

### Deadline for manuscript submissions

1 December 2025



## Journal of Fungi

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

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## 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.

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### Editor-in-Chief

Prof. Dr. David S. Perlin

Hackensack Meridian Health Center for Discovery and Innovation, 340  
Kingsland Street, Nutley, NJ 07110, USA

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