



Protein Engineering of Yeast

Guest Editor:

Prof. Dr. William J. Chirico
SUNY Downstate Health
Sciences, New York, NY, USA

Deadline for manuscript
submissions:
closed (30 June 2023)

Message from the Guest Editor

Protein engineering is the purposeful modification of a protein's sequence, structure, or expression. In a simple example, one's favorite protein may be altered to facilitate the overexpression of a tagged version in yeast, which generates large quantities of yeast for in vitro investigations. In more complex cases, several foreign enzymes may be expressed in yeast to create a robust metabolic pathway for producing, for example, biofuels or medicines. Bioengineered yeasts have also been used for vaccine development, reprogramming a protein's fate, directed evolution, and protein-based library screening. This Special Issue will highlight the versatility and power of yeast as a platform for protein engineering. Papers describing research using all yeast species are welcome, including *Saccharomyces cerevisiae*, *Cryptococcus neoformans*, *Pichia pastoris*, and *Yarrowia lipolytica*.





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