

Special Issue

Yeasts Genetics and Biotechnology

Message from the Guest Editors

The yeast *Saccharomyces cerevisiae*, along with being a crucial industrial microorganism, represents a model organism for the investigation of the majority of biological processes in eukaryotes. Due to the efficient homologous recombination between transforming DNA and its genome, it is easy to precisely genetically modify this yeast, allowing for the construction of both biotechnologically relevant strains and strains for application in scientific research. On the other hand, there is a huge number of uncharacterized or poorly characterized non-conventional yeasts, many of which are known to have certain advantages over conventional yeasts. However, for a great majority of these non-conventional yeasts, the construction of the desired strains is not yet a routine procedure because the molecular tools needed for the precise modification of their genome have not yet been developed. Therefore, this Special Issue focuses on research into the genetics and biotechnology of conventional and non-conventional yeast, as well as the development of molecular tools for the targeted modification of yeast genomes and the construction of potentially biotechnologically relevant yeast strains.

Guest Editors

Dr. Ivan-Kresimir Svetec

Department of Biochemical Engineering, Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb, Croatia

Dr. Marina Svetec Miklenić

Laboratory for Biology and Microbial Genetics, Department of Biochemical Engineering, Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb, Croatia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jof@mdpi.com

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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

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