

Special Issue

Biotechnology of Non-conventional Yeasts

Message from the Guest Editors

In this Special Issue we encourage the submission of papers (research papers or reviews) on the biotechnology of non-conventional yeasts. Non-conventional yeasts have stimulated increasing interest with the development of molecular means that have made it possible to know the genomic profile of several yeast species with promising biotechnological application.

The present Special Issue is focused on recent developments in non-conventional yeasts biotechnology, with topics including recent techniques for characterizing yeasts and their physiology (including omics and nanobiotechnology techniques), methods to adapt industrial strains (including metabolic, synthetic, and evolutionary engineering), and the use of yeasts as microbial cell factories to produce biopharmaceuticals, enzymes, alcohols, organic acids, flavors, and fine chemicals. There is also growing interest in the applications of non-conventional yeasts as starters for functional foods or fermented beverages, as well as producers of antimicrobial compounds.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2021)



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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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