

Special Issue

Lactic Acid Fermentation and the Colours of Biotechnology

Message from the Guest Editor

The heterogeneous class of lactic acid bacteria (LAB) have represented a continuous reservoir of biotechnological productions for millennia. In the light of recent innovative applications for lactic acid fermentations in the different biotechnological sectors and industries (e.g., food production, agricultural and environmental practices, industrial processes, medical and pharmaceutical solutions), this Special Issue will encompass multiple aspects of LAB-based innovations from the biological understanding (e.g., genomics, proteomics, metabolomics and systems biology; bioinformatics; microbial physiology and metabolism) to the biotechnological development (e.g., strain improvement; bioprocess and metabolic engineering; applied genetics and molecular biotechnology), including aspects dealing with industrialization (e.g., scale up of fermentation processes; downstream processing of fermentation products; bioreactor design; monitoring, biosensors and instrumentation; biosafety and biosecurity).

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2019)



Fermentation

an Open Access Journal
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Impact Factor 3.3
CiteScore 5.7



mdpi.com/si/19126

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Message from the Editor-in-Chief

Welcome to a new open access journal, Fermentation, which meets the growing need for a high quality peerreviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this new journal and look forward to working with you to make Fermentation a leader in its field. Your contributions are vital for the success of this new journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Dr. Badal C. Saha
Retired, National Center for Agricultural Utilization Research, USDA-ARS, Peoria, IL, USA

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