

Special Issue

Applied Microorganisms and Industrial/Food Enzymes, 3rd Edition

Message from the Guest Editor

Microorganisms are widely applied in producing value-added compounds, improving food flavor, maintaining soil fertility, and protecting the environment. They have been successfully applied to produce antibiotics, biofuels, vitamins, and food flavors after genetic modification. With the continuous development of genome editing technology, omics technology, and the expansion of biological information databases, the application scope of microorganisms has been further expanded. These changes have had a far-reaching impact, which has promoted the technological upgrading of traditional industries and also had great potential economic benefits. The goal of this Special Issue is to publish both recent innovative research results and review papers on applied microorganisms and industrial/food enzymes. **Keywords:** applied microorganisms; industrial/food enzymes; fermentation optimization; metabolic engineering; synthetic biology; protein engineering; transcriptional regulation; host cells; protein expression; high-throughput screening

Guest Editor

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).