

Special Issue

Applied Microorganisms and Industrial/Food Enzymes, 2nd 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 boom of structural biology and AI technology, it is more feasible to understand the relationship between protein structure and function. Thus, protein engineering has become more reliable in endowing proteins such as industrial/food enzymes with new properties and functions. Therefore, it provides the possibility to design and reconstruct novel synthetic pathways in engineered microbial cell factories. 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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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-
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