

## Special Issue

# Microbial Biotechnology and Biomanufacturing

### Message from the Guest Editors

The global society and economy are facing formidable challenges as climate change, environmental crises, and energy-resource shortages trigger profound transformations in the world's industrial landscape. Microbial biomanufacturing is poised to revolutionize global industrial paradigms across the chemical, pharmaceutical, and food sectors, thereby ushering in a new epoch of sustainable economic growth, characterized by its environmentally friendly nature, high efficiency, and renewable capabilities. This Special Issue will focus on microbial biotechnology and biomanufacturing for industrial microorganisms, exploring cutting-edge synthetic biology tools as well as sustainable biomanufacturing processes for future foods, pharmaceutical chemicals, bulk chemicals, high-value-added plant natural products, and so on. Submissions including original research articles, reviews, perspectives, and short communications are welcome.

### Guest Editors

Dr. Sheng Tong  
Dr. Dexin Wang  
Dr. Guirong Tang

### Deadline for manuscript submissions

31 January 2026



## Life

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*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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