

## Special Issue

# Novel Concepts for Future Biotechnology and Bioprocesses: Plants and Microorganisms for Sustainable Industries

### Message from the Guest Editors

In this Special Issue, we invite original research articles, reviews, and case studies focusing on applying plant and microbial systems for diverse, innovative biotechnological approaches; advances in metabolic engineering; and developments in bioprocess management. Subject areas include, but are not limited to, the following:

- Genetic and metabolic engineering of microorganisms and plants for enhanced product yields;
- Development of sustainable bioprocesses for industrial applications;
- Innovative methods for bio-based production of pharmaceuticals, chemicals, and biofuels;
- Application of synthetic biology in plant and microbial biotechnology;
- Bioreactor design and optimization for microbial and plant cell cultures;
- The circular and community economy and environmental benefits of plant and microbial biotechnology.

We encourage submissions from established and emerging researchers working at the forefront of these exciting developments. This Special Issue will offer an excellent platform to disseminate your work and contribute to shaping the future of sustainable industrial biotechnology.

### Guest Editors

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### Deadline for manuscript submissions

30 November 2025



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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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