

## Special Issue

# Advances in Enzyme Biotechnology and Applications in Industry and Environment

### Message from the Guest Editors

Biotechnology is one of the most promising technologies of our times, and enzyme engineering is an important part of biotechnology. As a biocatalyst, enzymes have the characteristics of strong specificity, high catalytic efficiency, excellent stereoselectivity, mild reaction conditions, and simple operation. Presently, enzymes are widely used in fields such as food, brewing, textiles, pharmaceuticals, petrochemicals, and the environment. It can improve product quality, reduce labor intensity, save raw materials and energy, protect the environment, and generate huge economic and social benefits. This Special Issue on “Advances in Enzyme Biotechnology and Applications in Industry and Environment” seeks high-quality works, focusing on the latest progress and applications of enzyme biotechnology. Topics include, but are not limited to, the following:

- Expression, purification, and characterization of enzymes;
- Mutation and immobilization of enzymes;
- Chemical modification of enzymes;
- Optimization of enzyme catalysis process;
- Application of enzymes in industry and the environment.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2024)



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