



Advances in Enzyme Identification and Biocatalytic Applications

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Message from the Guest Editors

Biocatalysis is a key and powerful technology that accomplishes the requirements to develop greener and sustainable processes. Its applications are constantly expanding, covering areas such as pharmaceuticals, food production, biofuels, waste management, and environmental remediation. Therefore, this discipline is constantly being challenged for increasing the efficiency of known enzymes and developing new ones. The identification, characterization, and application of enzymes is a major concern for the achievement of novel solutions in the scientific and engineering field.

This Special Issue on “Advances in Enzyme Identification and Biocatalytic Applications” seeks high-quality studies focusing on the identification, characterization, and applications of enzymes. Topics include, but are not limited to, the following:

- (a) The identification and characterization of novel enzymes with biocatalytic applications.
- (b) Novel biocatalytic applications of enzymes.
- (c) Enzyme design or engineering to improve catalytic efficiency and reactor performance.
- (d) The development of novel techniques for enzyme identification.





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Message from the Editor-in-Chief

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