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Progress on the Production, Purification and Applications of Microbial Enzymes

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Message from the Guest Editors

Microbial enzymes are recognized worldwide for their widespread applications in medicine, food, agriculture, and chemical fields, among others. Additionally, industrial processes mediated by enzymes are of high interest due to their nontoxic and eco-friendly properties, reduced process time and cost-effectiveness. At present, advances in genetic and protein engineering have improved the production of microbial enzymes to meet the increased demand, designing and producing enzymes with desired properties and functionalities. In addition, novel purification techniques with improved resolution, simplicity and speed, which are easy to scale-up and able to operate in continuous mode, have been developed to purify microbial enzymes from the complex media.

This Special Issue aims to cover promising, recent, and novel research trends in the production, purification and applications of microbial enzymes.



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Special Issue