



Molecular Enzymology: Advances and Applications

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

Microbes are the key for the production of various valuable enzymes and the application of these enzymes to bioproduct development. Microbial enzymes offer extensive and increasingly significant advantages over chemical catalysts since they are derived from renewable resources and are biodegradable. From the molecular enzymology perspective, microbial bioengineering and applied biological sciences approaches, like metabolic engineering, next-generation sequencing, functional genomics, systems, and synthetic biology are the key to engineering microbial cell factories to produce tailor-made enzyme bioprocess. Microbial enzyme engineering includes biotechnological innovation, chemical engineering, drug developments, and applied biorefineries development systems.

This Special Issue also welcomes submissions exploiting diverse and novel microbes from various extremes/hotspots as pillars for the industry and academic research.

This Special Issue will publish articles including reviews and research papers with an emphasis on enzyme production and formulations.





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Message from the Editor-in-Chief

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