

Special Issue

Microbial Enzymes

Message from the Guest Editors

There are six major classes of microbial enzymes: Hydrolases, isomerases, ligases, lyases, oxidoreductases, and transferases. They have very important applications as catalysts, e.g., elimination of extreme pH values, high temperatures, and use of organic solvents. They offer product purity, ease of termination of activity, reduced environmental impact, high substrate specificity and low toxicity. Microbes are the main sources of enzymes, since they produce high concentrations of extracellular enzymes. Microbial enzymes have unique properties including high specificity, high yields, rapid action, biodegradability, ability to act under mild conditions, and reduction in generation of waste materials. This Special Issue will offer a platform for high-quality publications on microbial enzymes, leading to a better understanding of the functional properties of industrial enzymes.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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