



## Biotechnology in Use of Waste Management

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Deadline for manuscript  
submissions:

**closed (10 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

One of the most challenging problems facing the world today is the ever-growing mountain of waste. Waste and the pollutants produce can leak into ground water and enter rivers. Biotechnology has applications in environmental management and medicine. One of the most promising uses of biotechnology is actually waste management. Biotechnological processes are used for wastewater treatment, disposal of solid wastes and gas treatment in environmental engineering. Also, these processes can be utilized for the biogas and hydrogen production of as new energy resources. However, currently, biotechnological process faces many hardships. There is a need to explore new pathways or processes for different applications. The waste materials can undergo chemical or physical modification to be applied in different applications or processes. The application of biotechnology in waste management is important in view of its economic and environmental benefits.

We look forward to receiving your contributions.

Dr. Tan Yie Hua

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*Guest Editors*





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