



Biomass Resource/Energy Utilization and Microbial Transformation Technology

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Message from the Guest Editors

The use of biomass resources complies with the principles of sustainable development and a circular economy. The organic compounds present in the biomass are widely used in biotechnological processes, leading to energy production. The microorganisms in it can participate in the degradation of various pollutants during the production of biofuels. This approach contributes to the protection of the environment and the creation of new, efficient technologies. This Special Issue aims to obtain new knowledge about the utilization of biomass and microorganisms in various technological processes. The collected materials will contribute to the production of environmentally clean technologies, the creation of renewable energy, and sustainable development. The Special Issue includes, but is not limited to, the following topics: air purification biotechnologies; biotechnologies of waste management; biotechnology in environmental protection; use of organic materials in energy production; transformation of biomass by microorganisms; biodegradation of materials; longevity of biomass; use of biomass to reduce physical pollution.





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Message from the Editor-in-Chief

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