



The Role of Microbial Biotechnology in the Development of Sustainable Biopolymers

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Message from the Guest Editors

The widespread use of traditional plastics has resulted in governments and citizens today being confronted with their harmful effects on the environment and on human and animal health. For this reason, and considering the global demands of society, the search for new polymers that can replace petroleum-based plastics is urgent. Microbial synthesized polymers are considered to be the main candidates to achieve this change, due to their interesting properties, e.g., biodegradability, biocompatibility, non-toxicity, thermoplasticity, and so on. Microbial biotechnology allows progress to be made on new developments to replace traditional plastics. New biotechnological techniques have made it possible to study the mechanisms of biopolymer synthesis in microorganisms in depth. We are confident that the new advances related to the topic of this Special Issue will be of great interest to many professionals and academics. It is a pleasure to invite you to submit original articles or reviews on the importance of microbial biotechnology and new genomic advances in the development of new biopolymers.





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Message from the Editor-in-Chief

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