Special Issue

Microbial and Enzymatic Degradation of Plastics

Message from the Guest Editor

Plastic pollution is a global threat to terrestrial and aquatic ecosystems. Some naturally occurring polyester materials are considered biodegradable. Some synthetic polymers derived from petroleum are amenable to natural biodegradation processes, while others are highly recalcitrant to biodegradation. Most papers reporting on the biodegradation of polymers provide evidence of biodeterioration. Some provide evidence of biodeterioration and biofragmentation. Authors usually assume bioassimilation simply because they observe an increase in bacteria or fungal cell mass, but do not provide direct evidence that the bacterial growth is due to assimilation of the carbon. Finally, evidence of mineralization of the polymer is lacking in most biodegradation papers.

Guest Editor

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Welcome to an open access journal, *Fermentation*, which meets the growing need for a high quality peer-reviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this journal and look forward to working with you to make *Fermentation* a leader in its field. Your contributions are vital for the success of this journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Prof. Dr. Christian Kennes
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