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Biodegradation and Hazards of Environmental Emerging Pollutants

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Message from the Guest Editors

Environmental pollution has aroused widespread concerns all over the world, including heavy metals, persistent organic pollutants, PPCPs, and antibiotic resistance genes, etc. These released emerging pollutants might induce the hazards to human beings, organisms, and environments due to their severe toxicity, carcinogenicity, and high bio-accumulating properties in the living systems. In order to remove those pollutants, various treatment technologies have been developed. Among various efforts, applications of biodegradation and bioremediation to remove pollutants have been considered as the economical and sustainable methods. Therefore, taking insight into biodegradation and bioremediation processes will facilitate the investigation of safe, clean, and environmentally friendly technologies for removing environmental pollutants.

This Special Issue will focus on biological-treatment processes for environmental emerging pollutants, particularly including their elucidation of biodegradation pathways and mechanisms, ecotoxicity, and biodegradation byproducts. The environmental impact assessment of degradation process is also considered by this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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