



The Fungi Kingdom as a Bioremediation Tool

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Deadline for manuscript
submissions:

closed (1 June 2023)

Message from the Guest Editors

Every day around the world tonnes of thousand of contaminants like antibiotics, health care products, hydrocarbons, and heavy metals among others, are released into the environment, causing pollution that affects the health of human beings, aquatic and soil lives, as well as the ecosystem at large. Chemical and physical methods have been used leaving different by-products of harmful compounds after the remediation. As a potential alternative microbial-based methods using different microorganisms have been implemented to counteract, neutralize and eliminate those compounds. Within this microorganism, the use of fungi represents a potential alternative due to its capacity to grow in harsh environments using some of the pollutants as an energy source. Furthermore, the use of the fungi-bioremediation base is an environmentally friendly, cost-effective and safer method in comparison to the most common chemical and physical methods. This Special Issue aims to introduce, discuss and disseminate the recent advances related to bioremediation processes, technology, and industrial scale-up using fungi as a biocatalyst.





an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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Journal Rank: JCR - Q1 (Mycology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

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