



Ecology and Evolution of Black Fungi

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Message from the Guest Editor

Dear Colleagues,

Black fungi are renowned for their preference for the extreme. Most species thrive best under conditions of stress in dry, toxic, acidic, halidic, or otherwise uncommon (micro)habitats. Some cause severely mutilating or fatal diseases in humans, even when the host is perfectly healthy. On the other hand, this group also includes species with beneficial properties, such as an ability to degrade industrial pollutants or produce usable polysaccharides or biologically active compounds. The potential dangers and benefits of these microbes have been little explored. This Special Issue aims to investigate the diverse range of black fungi that have extremotolerance as a common factor and explain the origin and mechanisms of their odd specialization.

Prof. Dr. Macit Ilkit
Guest Editor





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Message from the Editor-in-Chief

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