



Mycotoxins and Toxigenic Fungi 2nd Edition

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Message from the Guest Editor

Dear Colleagues,

Mycotoxins are toxic secondary metabolites produced by fungi. Contamination of crops with mycotoxins can have serious effects on the health of humans and animals. Since mycotoxins are commonly scientifically stable substances, detoxification of mycotoxins is practically difficult.

Toxigenic fungi are present in various environments such as soils, plants, bio-aerosols, food manufacturing processes, and so on. Fungal metabolism, including mycotoxin biosynthesis, is affected by interactions with plants and microorganisms and is likely present in the environment. Further, the world is undergoing significant change. This is not restricted to just humans and animals, but also others, such as fungi, whose ecology is greatly affected by global warming. In order to assess the impact of mycotoxigenic fungi on our health as well as global trade, it is first pivotal that we clarify the ecology of toxigenic fungi in nature.





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Message from the Editor-in-Chief

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