



toxins



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Research on Pathogenic Fungi and Mycotoxins in China (Volume II)

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Message from the Guest Editors

Pathogenic fungi are one of the most abundant and widely distributed fungal genera in China. These fungi are not only causal agents of plant, animal and human diseases but also produce a group of toxic fungal metabolites found in a wide range of food and feed products called “mycotoxins”. Mycotoxins have received public attention due to their severe health effects. *Aspergillus*, *Fusarium*, *Penicillium* and *Alternaria* are the main mycotoxin-producing pathogenic fungal genera. Mycotoxin contamination is one of the most significant problems in China, and it is even more severe in humid and warm environments. The growth of pathogenic fungi and mycotoxin contamination imposes economic burdens on the food and feed industries. Agricultural economic losses are also associated with the mycotoxin contamination of crops and agro-products. Currently, mycotoxins are the most significant hazard and emerging threat to the sustainable development of food safety and security in China. Research on the inhibition of pathogenic fungi and biosynthesis and the regulation of mycotoxins is very important to control mycotoxin production.



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Special Issue



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