



toxins



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Reduction and Control of Mycotoxins along Entire Food and Feed Chain

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Message from the Guest Editors

Mycotoxins are natural toxic secondary metabolites produced by microscopic filamentous fungi that can invade a large variety of agricultural crops both in the field and in the follow-up stages of food and feed production chains. Mycotoxin contamination of food and feed crops is often inevitable due to the complex factors that influence fungal infection. Therefore, so-called good agricultural practice in the preharvest period followed by proper storage conditions can minimize mycotoxin contamination. The principles of good manufacturing practice help to reduce the level of mycotoxin contamination in the final products. Additionally, regular control of mycotoxin content by means of analytical methods in all stages of food and feed production chains is either mandatory or recommended. Furthermore, ongoing research in this area provides new insights in the field of mycotoxin detoxification/decontamination.

This SI addresses approaches for the minimization of mycotoxin contamination in food and feed chains as well as novel methods for detoxification of mycotoxins in feed. Novel analytical methods used for mycotoxin control are also of great interest.



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Special Issue



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