

Special Issue

Mycotoxigenic Fungi and Their Interactions with Plants 2.0

Message from the Guest Editor

Mycotoxigenic fungi and their mycotoxins are a long-standing problem in food and feed production systems worldwide. Mycotoxins are secondary metabolites, and accumulating evidence has shown that the production of these secondary metabolites is highly variable and can be triggered by diverse environmental and cellular signals from fungi as well as their hosts. Certain mycotoxins play a dominant role in the infection and colonization process (e.g., DON), while the role of other mycotoxins remains unclear. A good understanding of the plant–mycotoxigenic fungus interaction can be the first step in the development of a lasting system for controlling mycotoxin contamination in our food systems. This Special Issue aims to gain insights into the interactions between mycotoxigenic fungi and their host plants. Submissions dealing with the physiological aspects of mycotoxins in the interaction with the host plant, plant resistance mechanisms in relation to the infection process of mycotoxigenic fungi, and molecular crosstalk between plants and mycotoxigenic fungi are all welcome.

Guest Editor

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closed (30 April 2022)



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