

Special Issue

Mycotoxins in Food Safety: Challenges and Biocontrol Strategies

Message from the Guest Editors

Mycotoxin contamination in food and feed chains is of global concern due to the economic impact of this secondary fungal metabolite for human and animal health and due to losses in the domestic and international markets. Mycotoxin accumulation needs to be approached considering the concept of One Health under a scenario of climate change. The strategies and tools used to minimize the risk are urgently needed. In recent years, progress has been performed in the development and use of biological control agents (BCAs) for the prevention of pathogens and toxigenic fungi in different crops, both at the pre- and postharvest stages. The objective of this Special Issue is to bring together research focusing on reducing plant disease symptoms, minimizing impacts on yield reduction or the loss of food quality in the context of food security, and more sustainable systems that rely less on chemical control measures as inputs. With regard to the state of the art of tools based on biocontrol to minimize the impacts of mycotoxins considering climate change, the One Health concept will be addressed.

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Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

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