Special Issue

Mycotoxins: Toxicity and Biological Detoxification

Message from the Guest Editor

The contamination of food and feed with mycotoxins is a serious global problem, as it results in economic losses. From the consumer point of view, however, most important is the health risks associated with the consumption of contaminated food. The research of many scientific teams is establishing strategies for protection against contamination and the toxic effects of mycotoxins including methods for detoxification. This SI will focus on two aspects (i) mycotoxin toxicity and (ii) biological methods for their detoxification. Submissions are welcome on the following topics: · Toxicity of mycotoxins to humans and animals; · Novel assays of the toxicological effects of mycotoxins; · Innovative and advanced strategies to reduce toxins exposure; · Biological methods of detoxification including the use of: Microorganisms and their metabolites; Plant, plant extract, essential oils; Enzymes; Natural binders; Food and feed additives · Studies on mechanisms of biological detoxification. Original research works and review papers containing the most current knowledge about mycotoxin toxicity and biological methods for their detoxification are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

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

Prof. Dr. Jay Fox
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