

Special Issue

Genotoxic and Carcinogenic Potential of Emerging Mycotoxins

Message from the Guest Editors

Human exposure to mycotoxins is likely to increase due to climate change. Regulatory guidelines and maximum levels exist and are already enforced for known mycotoxins. However, currently unregulated, so-called “emerging mycotoxins” are also frequently accruing in agricultural products and in the human environment. There are significant data gaps regarding the genotoxic effects and potential carcinogenicity of emerging mycotoxins, and consequently, concern has been raised about their potential adverse effects, particularly following chronic exposure to low doses as humans may be exposed to mycotoxins, contaminating food, feed, and indoor environments, over a significant portion of their lifespan. To fill the knowledge gaps and establish appropriate safety measures for the protection of human and animal health, and the environment, evaluation of emerging mycotoxins with regard to their genotoxic and carcinogenic potential is urgently needed. This Special Issue addresses research on the genotoxic and carcinogenic potential of mycotoxins and the underlying cellular and molecular mechanisms, focusing on emerging mycotoxins.

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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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