



Genotoxic and Carcinogenic Potential of Emerging Mycotoxins

Guest Editors:

Dr. Alja Štern

Department of Genetic
Toxicology and Cancer Biology,
National Institute of Biology,
Večna pot 111, 1000 Ljubljana,
Slovenia

Dr. Bojana Žegura

Department of Genetic
Toxicology and Cancer Biology,
National Institute of Biology,
Večna pot 111, 1000 Ljubljana,
Slovenia

Deadline for manuscript
submissions:

closed (31 January 2024)

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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Editor-in-Chief

Prof. Dr. Jay Fox

Department of Microbiology,
University of Virginia,
Charlottesville, VA, USA

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Toxins Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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