

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.

Guest Editors

Dr. Alja Štern

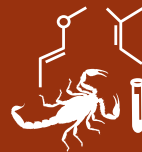
Department of Genetic Toxicology and Cancer Biology, National Institute of Biology, Večna pot 111, 1000 Ljubljana, Slovenia

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)



Toxins

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 7.5
Indexed in PubMed



mdpi.com/si/156591

Toxins

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxins@mdpi.com

[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)





Toxins

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 7.5
Indexed in PubMed



[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)



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

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Toxicology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2024).