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

Guest Editor

Prof. Dr. Małgorzata Piotrowska

their detoxification are welcome.

Institute of Fermentation Technology and Microbiology, Faculty of Biotechnology and Food Sciences, Lodz University of Technology, Wolczanska 171/173, 90-924 Lodz, Poland

about mycotoxin toxicity and biological methods for

Deadline for manuscript submissions

closed (30 November 2021)



Toxins

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/53963

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

mdpi.com/journal/ toxins





Toxins

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 8.2 Indexed in PubMed



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 18.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).

