

Special Issue

Occurrence, Toxicity and Mitigation of Aflatoxins

Message from the Guest Editor

Among the hundreds of known mycotoxins, aflatoxins are probably the most important due to their toxic effects (carcinogenic in humans), their wide and increasing distribution subsequent to climate changes, and their economic consequences (withdrawal of food batches due to international regulations). The knowledge of the possible effects according to the level of exposure is also a key, especially when such contaminants co-occur with other mycotoxins and/or other foodborne contaminants or pathogens that may modify their initial toxicity or already known dose–effect relationships due to synergistic or antagonistic effects. Finally, it is of great importance to identify ways to protect consumers from these food contaminants by limiting the contamination. In contrast, favorable conditions for aflatoxins synthesis are appearing in regions that used to be considered as free of them. The focus of this Special Issue of *Toxins* will be on collecting data on the occurrence of aflatoxins in foods and feeds, new data on their toxicity (especially when co-occurring with other pathogens or contaminants), and ways to mitigate these contaminants by limiting contamination.

Guest Editor

Prof. Dr. Jean-Denis Bailly

Toxalim (Research Center in Food Toxicology), Université de Toulouse, INRAe, ENVT, INP-Purpan, UPS, 31027 Toulouse, France

Deadline for manuscript submissions

closed (31 July 2021)



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/45013

Toxins
Editorial Office
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 4.0
CiteScore 8.2
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 18.4 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).