



an Open Access Journal by MDPI

Biomonitoring Study of Mycotoxins

Guest Editors:

Dr. Zheng Han

Key Laboratory of Protected Horticultural Technology, Institute for Agro-Food Standards and Testing Technology, Academy of Agricultural Sciences, Shanghai 201403, China

Dr. Emmanuel K. Tangni

Organic Contaminants and Additives, Sciensano, 3080 Tervuren, Belgium

Dr. Jianhong Xu

Institute of Food Safety and Nutrition, Jiangsu Academy of Agricultural Sciences, Nanjing 210014, China

Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Mycotoxins are a series of secondary metabolites produced by various mould species growing on plant-based products, either in the field or during storage. Mycotoxin analysis has become one of the major research topics around the world. To reveal their toxicological mechanisms and real harmful effects, effective biomonitoring of mycotoxins or their biomarkers in animals and humans is important to set safety regulations and measures for the protection of human and animal health.

We are pleased to invite you to make your contributions for this Special Issue in the form of original research or review papers on the recent advances and the state-of-the-art in the field of biomonitoring of mycotoxins. Research areas may include (but not limited to) the following:

- Newly developed analytical methods for the in vivo determination of mycotoxins/biomarkers;
- The absorption, distribution, and elimination of emerging mycotoxins in animals;
- The biotransformation of mycotoxins and untargeted analysis of the metabolites;
- The detection of mycotoxins/biomarkers in biofluids in humans for risk assessment.

We look forward to receiving your contributions.



mdpi.com/si/112355

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jay Fox

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

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

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)

Contact Us

Toxins Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxins
toxins@mdpi.com
[X@Toxins_Mdpi](https://twitter.com/Toxins_Mdpi)