



*toxins*



an Open Access Journal by MDPI

## Mycotoxins in Food and Feed: Detection and Identification

Guest Editor:

**Dr. Terenzio Bertuzzi**

Department of Animal Science,  
Food and Nutrition, Faculty of  
Agricultural, Food and  
Environmental Sciences, UCSC,  
Via Emilia Parmense, 84, 29122  
Piacenza, Italy

Deadline for manuscript  
submissions:

**closed (31 July 2022)**

### Message from the Guest Editor

Mycotoxins represent a significant issue for the food and feed industry, with an impact on human health, animal health and production, and economies. Numerous notifications on the Rapid Alert System for Food and Feed (RASFF) concern mycotoxins, with a risk decision categorized as “serious”.

Besides the “known and legislatively regulated” mycotoxins, there are other “emerging mycotoxins” that have been considered as relevant since the evidence of their incidence in food and feed is rapidly increasing.

To obtain a continuous monitoring of these hazardous compounds in raw materials and final products along the production food chain, rapid, cheap and easy-to-operate analytical method are generally used; on the other hand, innovative approaches and advanced instrumental techniques, as GC-MS, LC-MS/MS and HRMS, are required to develop multi-mycotoxin methods and to identify and quantify emerging, masked and novel mycotoxins.

I hope that this Special Issue of Toxins will contribute to the advancement of analytical methods helpful to evaluate mycotoxin occurrence and diffusion in food and feed.



[mdpi.com/si/94045](https://mdpi.com/si/94045)

# 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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxins](http://mdpi.com/journal/toxins)  
[toxins@mdpi.com](mailto:toxins@mdpi.com)  
[X@Toxins\\_Mdpi](https://twitter.com/Toxins_Mdpi)