



## Impact of Human Metabolism on the Toxicological Effects of Mycotoxins

Guest Editor:

**Prof. Dr. Chiara Dall'Asta**

Department of Food and Drug,  
University of Parma, Parco Area  
delle Scienze 27/A, 43124 Parma,  
Italy

Deadline for manuscript  
submissions:

**closed (31 October 2017)**

### Message from the Guest Editor

Dear Colleagues,

The co-occurrence of multiple mycotoxins in food and feed represents worldwide a severe threat for public health and animal welfare, and poses relevant challenges in the food toxicology field.

The focus of this Special Issue of *Toxins* will be on the most recent advances related to the human metabolism of mycotoxins. Recent advances in metabolomics and biomarker validation will be addressed. The use of omics techniques will also be encouraged in this context. Finally, an overview of some selected promising tools (i.e., non-animal testing methods, predictive toxicology, in vitro methodologies for combined toxic effects) that are potentially able to address the forthcoming challenges in this field will be included. Both research (in particular) and review articles proposing novelties or overviews, respectively, are welcome.

Prof. Chiara Dall'Asta  
*Guest Editor*





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](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)