



*toxins*



an Open Access Journal by MDPI

## Detection and Control of Plant and Fungal Metabolites: An Application in Human Life

Guest Editor:

**Dr. Kristina Habschied**

J.J. Strossmayer University of  
Osijek, Faculty of Food  
Technology Osijek; F. Kuhača 20,  
31 000 Osijek, Croatia

Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

It is our pleasure to announce the launch of a new Special Issue of *Toxins* on the topic of “Detection and Control of Plant and Fungal Metabolites: An application in Human Life”, whose aim is to introduce novel and up-to-date detection methods used in control and suppression of different fungal and plant metabolites. Secondary metabolites originating from fungi are usually harmful for humans and animals and have a negative economic impact on agriculture and the food industry. Many of them are well known and are included in legislation, but there are plenty of newly detected fungal metabolites that need to be investigated, and their toxicity should be assessed. Topics of interest include the genetics and biology of fungal and plant metabolite control, metabolite detection, plant breeding and selection for resistance, biocontrol, ecology/evolution of mycotoxigenic fungi, medically important mycotoxigenic fungi, mycotoxin risk assessment, and regulatory issues.



[mdpi.com/si/52280](https://mdpi.com/si/52280)

# 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)