



toxins



an Open Access Journal by MDPI

Effects of Single and Combined Mycotoxins

Guest Editor:

Prof. Dr. Maja Šegvić Klarić

Department of Microbiology,
Faculty of Pharmacy and
Biochemistry, University of
Zagreb, Schrottova 39, 10000
Zagreb, Croatia

Deadline for manuscript
submissions:

closed (15 December 2022)

Message from the Guest Editor

The mycotoxin producers can co-occur in food substrates, and some species can simultaneously produce several mycotoxins, altogether elevating the risk of human and animal co-exposure to multiple mycotoxins. An increasing number of publications in recent years have pointed out that binary, tertiary, and multiple mycotoxin mixtures in vitro and in vivo could result in interaction effects classified into three major types: antagonistic, additive, and synergistic. The type of interactions is influenced by multiple parameters, including the type of mycotoxin in the mixture and their concentration, duration of exposure, type of biological experimental model, toxicological endpoint, and mathematical model used to evaluate mycotoxin interaction. This Special Issue of *Toxins* aims to gather contributions of original research or review papers that will indicate different perspectives and addressing the problems in exposure risk assessment to mycotoxins mixtures.



mdpi.com/si/45913

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](#)