



Mechanism of Action of Mycotoxins

Guest Editor:

Prof. Dr. Cristina Juan

University of Valencia | UV ·
Department of Preventive
Medicine and Public Health,
Food Sciences, Forensic Medicine
and Toxicology, Valencia, Spain

crisjua3@uv.es

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Message from the Guest Editor

Mycotoxins are a diverse group of chemicals that present wide toxicological responses in animals and humans. Their ingestion causes toxic effects that goes from acute toxicity to long-term or chronic health disorders. Some mycotoxins have caused outbreaks of human toxicoses, and at least one mycotoxin, aflatoxin B₁, is an assumed human hepatocarcinogen. As part of a comprehensive effort to curtail the adverse health effects posed by mycotoxins, substantial research has been conducted to determine the mechanism of action of mycotoxins. Detection of biomarkers in noninvasive samples, such as urine, requires the use of methods which are beginning to be an important tool in measurement of human exposure to mycotoxins in populations that are particularly at risk. The focus of this Special Issue of Toxins is to gather the most recent reports on the mechanism of action of mycotoxins on single or combined mycotoxins studied *in vivo* or *in vitro*. The identification of known and unknown mycotoxins´ metabolites and other metabolites in different cell lines and animals or matrices, and the development of analytical skills to study these mechanisms.





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Prof. Dr. Jay Fox

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

Message from the Editor-in-Chief

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Contact Us

Toxins
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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