Special Issue

Human Biomonitoring and Risk Assessment of Mycotoxins

Message from the Guest Editor

Humans are exposed to mycotoxins predominantly via food. However, occupational exposure to mycotoxins may also occur, e.g., via inhalation of contaminated, airborne dust in occupational settings. It is often technically demanding to analyse the presence of all (forms of) mycotoxins in numerous raw agricultural commodities, food products or airborne dust. Therefore, the exposure assessments of mycotoxins are frequently hampered by a lack of, or outdated, occurrence data. To overcome this issue, human biomonitoring (HBM) can be used to estimate (total) external exposure from concentrations of suitable exposure biomarkers in blood and/or urine. In addition, (the onset of) a negative human health effect may be identified (early) by measuring effect biomarkers in biological matrices. In terms of risk assessment, internal or external exposure can be compared with, respectively, HBM guidance values or health-based guidance values. These comparisons allow the assessment of possible risks to human health. For this Special Issue we are inviting researchers to submit novel studies and review articles that may enhance the use of human biomonitoring in the risk assessment of mycotoxins.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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