Special Issue

Fate of Free, “Masked” and Conjugated/Modified forms of Mycotoxins

Message from the Guest Editor

Chemical and toxicological fate of mycotoxins is significantly related also to food processing, which implies high temperature, additives/improvers, long processing time, fermentation, etc. For example, this can then determine the release of parent compounds from/to conjugated forms as well as the ‘masking’ phenomenon associated with the mechanical energy and heat generated, which can prompt reactions with organic macromolecules. Thus, it is fundamental to develop proper analytical methods able to quantify all the different forms in both raw materials and finished food products; beside this it is crucial to assess human/animal exposure to modified forms of the various toxin forms in addition to the parent compounds, because many modified forms are hydrolyzed into the parent compounds or released from the matrix during digestion. The present Toxins Special Issue will deal with all the different multi-faceted issues of this complex scenario.

Guest Editor

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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.

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