Special Issue

Food Safety Implications of Exposure to Cyanotoxins: Toxicological Evaluation

Message from the Guest Editor

The cyanobacteria occurrence is increasing around the world both in quantity and diversity. Several cyanobacterial species are able to synthesize a high number of cyanotoxins. In general, the toxic effects of cyanotoxins are of great concern and studies are still scarce. All these facts highlight the need for new toxicological studies and more updated information of data on human exposure in performing an adequate risk assessment of cyanotoxins in real time. We are pleased to invite you to participate in the present Special Issue **"Food Safety Implications of Exposure to Cyanotoxins: Toxicological Evaluation"**, which aims to cover new studies focused on toxicological evaluation including in vitro and in vivo experimental assays of toxic mechanisms at the molecular level, search for biomarkers, toxicity effects, etc. of cyanotoxins. In addition, field and laboratory studies with different animal and plant species, analytical determination of cyanotoxins in different matrices (water, food, biological samples), tools for monitoring of blooms and occurrence of toxins in water, foods will be considered for a more realistic human health risk assessment.

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

Prof. Dr. Jay Fox
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