Special Issue

New Reports of Toxigenic Cyanobacteria and Cyanotoxins in Understudied Regions

Message from the Guest Editors

Cyanobacteria are well known for inhabiting and thriving in a wide variety of environments; however, the studies on these organisms and their metabolites are still very scarce in some countries and regions including islands, high mountains, deserts, and oceans. Cyanobacteria survive in several environments, from light scarcity, extreme temperatures (thermal to polar cold), hypersalinity, and water scarcity (arid). They also inhabit some rare environments, such as brackish waters, the deep sea, and terrestrial environments (e.g., rocks, caves, trees, algae, and lichens). These are still significantly understudied habitats in terms of cyanobacteria biodiversity and toxicology. Toxic metabolites are important due to their impacts on public and environmental health and their biotechnological potential. Nonetheless, most reports concern freshwaters and Europe, North America, and China. A clearer picture about cyanobacteria diversity could be provided from research carried out in understudied regions.

Keywords

- cyanometabolites
- cyanotoxins
- thermal
- benthic
- islands
- deserts

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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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