

Special Issue

Toxic Cyanobacteria and Toxins in Rare Environments

Message from the Guest Editors

Cyanobacteria are well-known to inhabit and thrive in a wide variety of environments, however studies of these organisms and their metabolites are still very scarce in rare and extreme environments. Cyanobacteria endure in several extreme 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., high altitude, rocks, caves, trees, algae, and lichens). These are still very understudied habitats, mainly on toxicology and metabolomics. Toxic metabolites are important due to their impacts on public and environmental health and their biotechnological potential. Nonetheless, most reports are mainly from freshwaters, hence the need and undiscovered potential of upcoming toxic metabolites from extremophiles and cyanobacteria in rare environments. Keywords

- cyanometabolites
- cyanotoxins
- extreme, benthic
- saxitoxin
- cylindrospermopsin
- anatoxin-a
- microcystin
- nodularins
- anabaenopeptins

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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.

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