Special Issue

Cyanobacterial Blooms of Freshwater

Message from the Guest Editor

This Special Issue is focused on bringing together the most recent advances in understanding freshwater cyanobacterial bloom across multiple scales ranging from molecular to satellite imagery. Understanding of bloom dynamics using molecular tools has begun to illustrate the complexities that allow a single species to dominate in a freshwater habitat and the various ecological strategies it deploys to be so successful. These tools also reveal the presence of organisms not typically observed that play a supportive or competitive role in allowing blooms to form. The human and ecological impacts of these blooms includes the quantity and types of toxins they produce and unraveling the complexities of toxin production. In a mixed population of cyanobacteria, it is also important to know which organisms have the genetic capability of making toxins and to provide methods for the early detection of this capacity as part of potential bloom control measures.

Guest Editor

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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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