

Special Issue

Eco-Toxins: Exploring Biological, Ecological and Environmental Impacts

Message from the Guest Editors

In natural ecosystems, plants and microbes engage in complex interactions, yielding a diverse array of specialized (secondary) metabolites, including toxins, which exert significant influence on ecological dynamics. As stewards of our environment, it is essential to understand the ecological and environmental impacts of toxins. This Special Issue aims to explore the different aspects of toxins, encompassing not only the examination of their chemical structures and biological functions but also their ecological roles and environmental effects. By adopting an interdisciplinary approach that combines insights from chemistry and ecotoxicology, the objective is to clarify the complex contributions of toxins to ecosystem dynamics and biodiversity. We welcome contributions that shed light on the isolation and characterization of novel toxins, as well as those that elucidate their ecological importance and environmental consequences. Additionally, we encourage studies that investigate the interactions between toxins and ecological processes, facilitating a holistic comprehension of their roles in natural systems.

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Deadline for manuscript submissions

closed (30 April 2025)



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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

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