

Special Issue

Proteomics and the Study of Marine Toxins: Implications for Life Sciences

Message from the Guest Editors

Proteomics is a discipline belonging to the OMICs research field and concerns to the large-scale analysis of protein expression. Established with the rise of two-dimensional gel electrophoresis (2-DE), this discipline has grown significantly in the last 20 years, to a level comparable. Initially more limited in its field of study, to biological models with annotated genomes, the rapid development of high-throughput RNA sequencing methods is enabling proteomics research to be carried out in many different areas of Biology, Environmental and Marine Sciences, and in many different organisms, including marine vertebrates and invertebrates. This Special Issue of *Toxins* is devoted to one of the emergent fields of proteomics concerning the study of marine toxins. We welcome all research work in the field of proteomics with a scope on toxins from marine environments. Topics of interest include but are not limited to: ecotoxicology and toxicoproteomics of marine toxins, mode of action of marine toxins, biomarker discovery, risk assessment, metabolism of marine toxins, and isolation and characterization of new toxins.

Guest Editors

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Deadline for manuscript submissions

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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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