

## Special Issue

# Effects of Acute Exposure to Toxicants on Oxidative Stress in Aquatic Organisms, 2nd Edition

### Message from the Guest Editor

Acute exposure to aquatic pollutants such as heavy metals, pesticides, emerging contaminants, among others, continues to challenge our understanding of oxidative stress responses across species. Researchers are employing advanced biochemical, molecular, and ecological assessment techniques to gain a more comprehensive understanding of the long-term consequences of such pollutants with the overall aim to provide critical insights that will inform regulatory frameworks and environmental policies, ensuring more effective mitigation strategies and protective measures for aquatic ecosystems. This Special Issue continues to welcome studies that clarify the mechanisms of oxidative damage through biomarkers such as lipid peroxides, DNA damage, antioxidant enzyme activities, among others. Contributions evaluating species-specific responses to novel contaminants or developing conservation-oriented frameworks for pollutant mitigation are particularly encouraged. Original research and reviews advancing standardized assessment protocols will strengthen our capacity to translate laboratory findings into environmental management strategies.

### Guest Editor

Dr. Luís Félix

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### Deadline for manuscript submissions

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## Toxics

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## About the Journal

### Message from the Editor-in-Chief

*Toxics* (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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### Editor-in-Chief

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