



Effects of Emerging Contaminants to Marine Organisms: In Vitro and In Vivo Studies

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Message from the Guest Editors

Emerging contaminants are a large group of substances—mainly synthetic—that can enter coastal marine ecosystems. To this class of contaminants belong, for example, pharmaceuticals and personal care products, nanomaterials, microplastics, pesticides/herbicides, and industrial chemicals. Despite their widespread and increasing use, however, for most of these compounds, information concerning transfer, environmental levels, fate, and toxicological effects to marine organisms is limited.

Potential adverse effects of emerging contaminants to marine organisms, from molecular aspects and cell functionality to physiological performance and organism health, deserve a particular focus with a view to preventing the loss of biodiversity and ecosystem services.

In this Special Issue, we call for review and original research papers that pay attention to the effects of emerging contaminants to marine organisms (vertebrates, invertebrates, plants, microalgae).

Results of both in vitro and in vivo studies are welcome.





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Message from the Editor-in-Chief

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