



Biomarkers of Stress Response in Aquatic Life

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Message from the Guest Editor

Dear Colleagues,

A biomarker can be defined as a quantitative measure of changes in molecular or cellular components, processes, structures and functions related to exposure to environmental chemicals. The use of biomarkers for the purpose of biomonitoring natural aquatic systems is useful to measure the degree of pollution of xenobiotics in aquatic organisms. Increased contamination of water resources and the potential risk to biodiversity conservation and human health become important in terms of the use of biomarkers.

In this Special Issue “Biomarkers of Stress Response in Aquatic Life”, we invite authors to submit papers that focus on the effects induced by the exposure of emerging aquatic pollutants in both marine and freshwater species; indicators of changes in ecosystems, biodiversity and environmental quality; impacts on aquatic ecosystems of aquaculture production factors, such as nutrition, reproduction or infectious diseases; and genetic and physiological changes of life in aquatic animals and plants in response to modifications of aquatic ecosystems.

Prof. Dr. Caterina Faggio
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Message from the Editor-in-Chief

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