Special Issue

Oxidative Stress in Fish

Message from the Guest Editor

Oxidation processes occur all the time—whether in humans, animals in general, or even in plants. To understand oxidation and reduction processes, different live models are applied in research, with fish being a great model for oxidative studies. Many of the behavioral changes observed in fish research are related to high levels of oxidative stress, and thus, many disorders of animal behavior that are still poorly understood may be related to oxidative imbalance. In addition, in intensive fish production systems, due to abiotic stresses (sound, density, chemical or procedural), this can end up increasing levels of oxidative stress, resulting in productivity losses.
In this Special Issue, we aim to address the novelty involving oxidative stress in fish and highlight the causal and progression relationships of different comorbidities in humans or in animals that can compromise the survival of non-target species in the environment as well as result in lack of production in intensive production of fish.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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