Special Issue

Endocrine Disruption in Aquatic Organisms

Message from the Guest Editors

The endocrine network of glands and organs regulates various physiological systems required for the body's homeostasis and maintenance. This Special Issue is dedicated to studying endocrine system hormones and their modes of action for regulating fish development, respiration, osmoregulation, reproduction, metabolism, and growth, among others. Endocrine system disorders correspond to the secretion of hormones that might be fully suppressed, inhibited, or stimulated. In some cases, hormonal insensitivity occurs, indicating that the target cells or organs do not respond normally to the hormone secreted from the endocrine gland. Another goal of the present issue is to identify endocrine disorders and to characterize the adverse effects of hormonal imbalance on physiological systems. We welcome reviews and original research articles on: Fish endocrine systems, from anatomy to functions;
Fish endocrinology as a biological tool to develop sustainable aquaculture;
Pollution-induced endocrine disruption in fish;
Impacts of global warming on fish endocrine system;
Epigenetics of endocrine disorders in fish.

Guest Editors

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Deadline for manuscript submissions

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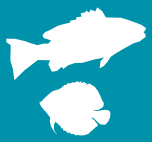

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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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