

Special Issue

Polluted Environments: Effects of Chemicals and Mixtures on Fish Physiology and Biochemistry

Message from the Guest Editors

Fish are widely recognized as bioindicators of the ecosystems' ecological status, as they show physiological, biochemical, and behavioral responses that link environmental health to human well-being. By highlighting fish as sentinel species in their interactions with contaminants and changing environments. For this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

Ecotoxicological approaches integrating environmental risk assessment and One Health perspectives;

Physiological, biochemical, and molecular responses of fish to single contaminants and mixtures;

Behavioral assays and biomarkers linking contaminant exposure to ecological outcomes;

Gene expression studies and novel molecular tools for ecotoxicology;

Impacts of climate change and extreme events on contaminant dynamics and fish responses;

Physiological, biochemical, and behavioral effects of pharmaceuticals, pesticides, plastics, and other emerging pollutants on fish health and welfare;

We look forward to receiving your valuable contributions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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