

Special Issue

Troubled Waters: Mercury Poisoning in Aquatic Animals and Seabirds

Message from the Guest Editors

Marine pollution is one of the most serious problems of our planet today, and it causes serious risks to many aquatic organisms. Among the wide variety of pollutants, great attention has been paid to mercury; this toxic metal undergoes a series of chemical transformations when released into the environment. Mercury is transformed into various organic forms in aquatic ecosystems, making it more bioavailable and accumulative throughout the marine trophic web, with higher concentrations in top predators. This Special Issue welcomes epidemiological studies on the presence and accumulation of Hg in wild and farmed fish in order to give a comprehensible comparison between reared and wild fish. It also welcomes studies on innovative methods for the detection of mercury in fish and seabird organs. Potential topics include:

- Physiological responses to mercury in fish and seabirds.
- Mercury in aquatic environments and oxidative stress in teleost.
- The toxicological effects of mercury on marine fish and seabirds.
- Epidemiological studies on the presence of mercury in fish and seabirds.

Guest Editors

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Deadline for manuscript submissions

closed (5 December 2022)



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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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