

Special Issue

Optimizing Fish Fillet Quality: The Impacts of Dietary Interventions and Oxidation

Message from the Guest Editors

The quality of fish feed plays a crucial role in determining the quality of fish fillets. A balanced and nutritious diet not only promotes healthy growth but also enhances the texture, flavor, and nutritional value of the fillet. Fish fed with high-quality feed tend to have firmer flesh, richer flavor, and higher levels of desirable nutrients. Thus, selecting the right feed with optimal nutritional composition is essential for producing high-quality fish fillets. Food protein oxidation leads to reduced nutritional value, impaired functionality, and, often, lower product quality. This process is typically linked with other oxidative reactions in foods, such as lipid oxidation and oxygen-facilitated enzymatic reactions. Understanding how food processing methods alter the physical and sensory properties of foods is necessary. In this Special Issue, we invite submissions exploring the impact of fish processing, fish welfare, mitochondrial alterations, and dietary interventions on the quality characteristics of fish fillets, with a particular focus on their physicochemical properties.

Guest Editors

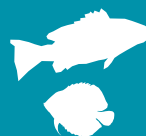
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Deadline for manuscript submissions

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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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