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Risk Assessment of Pollutant Residues in Aquatic Products and Aquaculture Environments

Guest Editor:

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Message from the Guest Editor

With the overloading of aquaculture water bodies, a large amount of residual feed, fertilizers, metabolic products and other waste is generated within aquaculture water bodies, causing pollution to the aquaculture environment. On a global scale, aquatic products account for about 10% of the human diet, providing a large amount of nutrients for humans. However, aquatic products produced in overloaded aquaculture environments are rich in pollutants such as antibiotics and heavy metals, which directly affect the quality and safety of aquatic products. The structural characteristics of different pollutants within the aquaculture environment, their enrichment and transformation pathways in aquatic products, toxic effects after ingestion into the human body and physiological hazards are different. The current topic aims to collect original and review papers, study the sources and distribution of one or more pollutants in aquaculture environments, their enrichment and transformation in aquatic products, toxic effects, toxicity mechanisms and health risks after environmental exposure and ingestion, as well as the related monitoring techniques and risk assessment methods.

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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.

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