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Environmental Factors Affecting Fish Metabolism

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submissions:

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Message from the Guest Editors

This Special Issue is particularly dedicated to unveiling molecular processes and physiological implications of emerging contaminants and abiotic stressors affecting fish in natural environments.

The Guest Editors welcome and encourage authors to submit their works, including original research articles as well as mini and full reviews and perspectives. Research studies should include OMICs, such as metabolomics, proteomics, genomics, or transcriptomics.

Topics covered by the Special Issue include, but are not limited to:

- Functional biological alterations induced by emerging contaminants and other stressors in fish.
- Mechanisms and AOP of emerging contaminants.
- Integration of effects of stressors at biochemical, cellular, and individual levels.
- Alternative models and new “in vitro” procedures in aquatic toxicology.
- New molecular tools for aquatic toxicology.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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