

Special Issue

Proteomic and Metabolomic Analyses of Fisheries and Aquaculture

Message from the Guest Editor

Aquaculture is an intensive and fast-growing industry that is designed to cope with a high demand for fish products. It is estimated that aquaculture can provide 62 percent of the total fish consumption by 2030. The latest guidelines for animal welfare, food safety, and the environment, besides consumer's acceptance of farmed fish, are a challenge for the industry. Nutritional studies provide data about more sustainable ingredients in feeds, improving the production efficiency and fishes' health/performance, which, therefore, comply with the sustainable development goals of the United Nations 2030 agenda. Furthermore, cutting-edge technologies like proteomics and metabolomics contribute to the study of fishes' performance and welfare. This Special Issue of *Metabolites* on proteomic and metabolomic analyses of fisheries and aquaculture will focus on studies of fish tissues and fluids resulting from wild fisheries and/or fish farming practices, including nutritional and welfare studies. In addition, new methods and data analysis concepts will be presented.

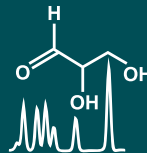
Guest Editor

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About the Journal

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.

Editor-in-Chief

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