

Special Issue

Glycolipid Metabolism and Health of Aquatic Animals

Message from the Guest Editors

This Special Issue of *Metabolites* aims to publish high-quality original research articles and reviews containing following topics: 1) exploration of the regulatory metabolisms of key regulatory elements and signal pathways; 2) analysis of the cooperation of glucose and the lipid metabolism; 3) revelations regarding the metabolic characteristics of the glycolipid metabolism in different aquatic animals; 4) investigation of the deep mechanisms of the two high-energy diets regarding the ways in which they have detrimental effects to physiology, metabolism and health; 5) explorations of the nutritional regulation strategies for improving the glycolipid metabolism and health under normal conditions or high-energy feeding; 6) creating or using novel detecting and/or data analysis tools to help solve the above five problems.

Guest Editors

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Dr. Sakhawat Hossain

Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).