



Study in Immune System and Disease of Fishes

Guest Editor:

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Deadline for manuscript
submissions:

closed (10 March 2023)

Message from the Guest Editor

The journal *Fishes* is preparing a Special Issue entitled “Study in Immune System and Disease of Fish”. Fish are lower vertebrates but possess both innate immunity and adaptive immunity. However, some differences exist in fish and mammalian immune systems. Studying the fish immune system is important for understanding the evolution of the immune system. In addition, with the expansion of fish culture, the occurrence of disease has increased greatly. Understanding the immune response to diseases is essential for preventing them by using immune strategies, such as vaccine development against a specific pathogen or molecular breeding strains of fish with enhanced resistance to major diseases. We welcome the submission of original research articles, reviews, mini-reviews, and perspective articles on topics including (but not limited to) the following:

- Characterization of immune molecules of fish innate or adaptive immunity;
- Functions of immune molecules of fish innate or adaptive immunity;
- Immune response of fish against diseases or pathogens.





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Editor-in-Chief

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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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