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Infectious Diseases in Fish: Immune, Microbiome and Endocrine Perspectives

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Deadline for manuscript
submissions:

24 August 2024

Message from the Guest Editors

Dear Colleagues,

With the worldwide increase in aquaculture production and the associated trend of increasing fish culture density and the number of farms, the study of fish diseases has become a crucial component of the entire productive system due to the potential economic and ecological risks involved. Despite numerous studies focusing on the etiological agents responsible for fish infectious diseases, modern trends aim to investigate and comprehend the interrelationship between pathogen, microbiome, immune system, and endocrine regulation. The occurrence of fish diseases is significantly influenced by both environmental and endogenous factors, which, in turn, can be affected by the complex interactions of the microbiome, immune system, and endocrine factors.

The objective of this Special Issue is to present recent research and reviews on infectious diseases in fish, covering the topic of how these diseases are related to the immune response, endocrine factors, and microbiota regulations.



mdpi.com/si/172695

Special Issue



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Message from the Editor-in-Chief

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