



The Antipathogenic Immunity of Crustaceans

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Message from the Guest Editors

The global food crisis remains severe. Aquatic animals, as a source of high-quality animal protein, play an important role in human food supply, economic development and ecological balance. In recent years, the demand for aquatic products has been increasing. Driven by profits, the density of aquaculture is rising and the pressure on the aquaculture environment is intensifying, leading to the frequent outbreaks of diseases among aquatic animals. Crustaceans, a major group of aquaculture species, hold indispensable importance in aquaculture. Unveiling the antipathogenic immunity mechanisms of crustaceans is crucial for exploring new strategies to enhance their disease resistance and improve aquaculture efficiency. Additionally, as the representative organisms of invertebrates, understanding the antipathogenic immunity mechanisms of crustaceans provides valuable insights for research on immunity in higher vertebrates.





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Message from the Editor-in-Chief

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