

Special Issue

Innate Host Defence Mechanisms of Aquatic Animals

Message from the Guest Editor

The increased incidence of disease, driven by environmental changes, intensive farming, and emerging pathogens, underscores the importance of understanding host responses. The innate immune system, the first line of defence against pathogens in animals, is highly influenced by environmental factors such as water temperature, salinity, and pathogen exposure. Therefore, we invite researchers to share their latest insights regarding the innate immune response of aquatic animals to pathogens, as this will enable us to develop effective countermeasures. These contributions can be in the form of reviews, opinion articles, or original multidisciplinary research.

Guest Editor

Dr. Marcia Saraiva

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Deadline for manuscript submissions

closed (10 May 2026)



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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