Special Issue

Immunotoxic Factors Promoting Infectious Diseases in Cultured Marine Animals

Message from the Guest Editor

Many environment-specific physical and chemical factors increase the risk of pathogens infecting marine animals. Changing environmental factors, such as higher temperatures, acidification, and hypoxia, and the increasing presence of environmental contaminants, such as persistent organic pollutants and microplastics, facilitate the processes of infectious diseases and lead to the emergence of new susceptible “reservoirs” for pathogens in marine animals. It is against this background that this Special Issue wants to address:

- The establishment of a direct link between adverse exposure to environmental factors and the outbreak of a particular microbial infectious disease in cultured marine animals;
- The impacts of environmental changes on the immunity of the cultured marine animals during microbe infection;
- The response of pathogens to these environmental changes and the corresponding regulation on pathogenic mechanism;
- Methods to deal with these adverse impacts in cultured marine animals.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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