

Special Issue

Vaccines for Aquaculture

Message from the Guest Editors

That fast development of fish aquaculture caused a parallel increase in pathological conditions affecting fish. Several pathogens, including bacteria, viruses, parasites and fungi affect the health status of farmed fish, causing important economic losses. Different strategies have been developed to try to counteract fish diseases, including the application of chemical therapeutics, antibiotics, immunostimulants, functional feeds and vaccines. Vaccination plays an important role in large-scale commercial fish farming and represents an efficient preventive pathogen-specific strategy. The appearance of emerging diseases and the introduction of new species of fish for intensive culture, increases the urgency to develop new vaccines.

Due to the increasing needs in the fish vaccinology field, this special issue welcomes papers proposing the development of new vaccines and vaccination protocols for aquaculture, but also articles covering the effects of vaccines on the different aspects of the immune response (at a transcriptome, epigenome and/or cellular and humoral level).

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

Editor-in-Chief

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