Special Issue

State of the Art in Fish Nutrition: Antimicrobials, Immunostimulants, Synbiotics and Alternative Protein Sources

Message from the Guest Editor

The rapidly growing aquaculture industry is facing multiple challenges, such as disease outbreaks, antibiotic resistance, and concerns about environmental sustainability. The use of natural antimicrobial agents, such as plant extracts, insect derivatives, and microbial metabolites, shows promising solutions for combating pathogens while reducing the risk of antibiotic resistance.

This Special Issue aims to explore the latest advancements and developments in aquaculture nutrition that promote fish health and farm productivity. The collection of research articles, reviews, and case studies in this Special Issue covers a wide range of topics, including the efficacy and mechanisms of various antimicrobials, immunostimulants, synbiotics, and alternative protein sources in the formulation of feeds, as well as the investigation of their effects on the physiological performance of various aquaculture species. This literature integrates the most effective methods that offer a more sustainable and better solution for the future of our aquaculture industry.

Guest Editor

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