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New Nutritional Strategies to Control Disease of Aquaculture

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

The rapid growth of the world's aquaculture has been stimulated by a wide variety of innovations, including the use of highly efficient feed formulations and the optimization of cultivation systems. Efforts to intensify aquaculture led to increased stress, high stocking densities, and poor fish health. Traditionally, the use of antibiotics in aquaculture has been an efficient strategy to mitigate stressful conditions and disease outbreaks or improve productivity. However, the prophylactic use of antibiotics has been widely criticized and banned in many countries. For this reason, aquaculture science is currently evaluating possible alternatives, with new feed and production strategies. One of the potential substitutes of antibiotics in aquaculture is the use of functional additives supplemented in aquaculture feeds. These additives are medicinal plants, essential oils, probiotics, prebiotics, symbiotics, organic acids, etc. These additives can act in the gastrointestinal mechanism of animals or even in the immune system, strengthening a better response to a pathogenic agent.

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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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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