

## Special Issue

# The Application of Probiotics for Sustainable Aquaculture

### Message from the Guest Editor

The application of probiotics in aquaculture has gained significant attention in recent years as a promising alternative to traditional methods of disease control and environmental management. Probiotics are live microorganisms that, when administered in adequate amounts, confer health benefits to the host organism. In aquaculture, probiotics can be used to improve water quality, enhance growth and survival rates, boost immune responses, and reduce reliance on antibiotics and chemical treatments. When applying probiotics in aquaculture, it is very important to consider factors such as strain selection, dosage, application methods, and environmental conditions that can influence the efficacy of probiotic treatments. In addition, it is necessary to establish regulatory frameworks and quality control measures to guarantee the safety and efficacy of probiotic products in aquaculture. In this Special Issue, we invite you to submit original research papers and reviews.

### Guest Editor

Dr. Antonio Luna-González

Department of Aquaculture, Instituto Politécnico Nacional, Mexico City, Mexico

### Deadline for manuscript submissions

closed (31 July 2025)



## Animals

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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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### Editor-in-Chief

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