Special Issue

Bacterial Pathogens in Aquatic Animals

Message from the Guest Editor

Bacterial pathogens pose a significant threat to the health and sustainability of aquatic animals, impacting aquaculture productivity and biodiversity in natural ecosystems. This Special Issue aims to explore the diversity, pathogenesis, diagnosis, and control of bacterial diseases in fish, crustaceans, mollusks, and other aquatic organisms. It will cover emerging and reemerging pathogens, host-pathogen interactions, molecular identification techniques, antimicrobial resistance, and novel strategies for prevention and treatment, including probiotics, vaccines, and phage therapy. By compiling current research and expert reviews, this Special Issue seeks to advance our understanding of bacterial infections in aquatic species and promote effective health management practices in aquaculture and wild populations.

Guest Editor

Dr. Lee Seong Wei

Department of Agricultural Sciences, Faculty of Agro-Based Industry, Universiti Malaysia Kelantan, Jeli Campus, Jeli 17600, Kelantan, Malaysia

Deadline for manuscript submissions

31 May 2026



Bacteria

an Open Access Journal by MDPI

CiteScore 2.8



mdpi.com/si/253543

Bacteria
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bacteria@mdpi.com

mdpi.com/journal/ bacteria





Bacteria

an Open Access Journal by MDPI

CiteScore 2.8



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Bart C. Weimer

Department of Population Health and Reproduction, School of Veterinary Medicine, University of California, Davis, CA 95616, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus and other databases.

Journal Rank:

CiteScore - Q2 (Immunology and Microbiology (miscellaneous))

