Special Issue

Development of Antimicrobial Peptides from Aquaculture Species

Message from the Guest Editor

With the development of intensive culture, various diseases caused by bacteria and viruses had frequently occurred in cultured aquatic species and caused catastrophic economic losses to aquaculture. Antimicrobial peptides (AMPs), which participate in humoral immune responses, are considered to be an integral component of the innate immune system. AMPs are widely distributed across the whole living kingdom with a broad spectrum of activities against bacteria, fungi, viruses and eukaryotic parasites. Studies on AMPs will be useful in understanding the immune defense mechanisms of aquaculture species and giving new insights into diseases control in aquaculture. This Special Issue seeks manuscript submissions that further our understanding of the structure and potential function of AMPs in cultured fish, crustaceans and mollusks. Submissions on the immune response and disease resistance of aquaculture species are also encouraged.

Guest Editor

Dr. Yuan Liu

CAS Key Laboratory of Experimental Marine Biology, Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China

Deadline for manuscript submissions

closed (15 June 2022)

Antibiotics

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed

mdpi.com/si/85652

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

mdpi.com/journal/antibiotics

Antibiotics

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed

mdpi.com/journal/antibiotics

About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

Prof. Dr. Nicholas Dixon
School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW 2522, Australia

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Infectious Diseases) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)

MDPI