

Special Issue

Phage Therapy in Aquaculture: Current Developments and Future Challenges

Message from the Guest Editors

Aquaculture is the fastest growing sector of animal production worldwide. When it comes to bacterial infections, administration of antibiotics is the first line of defense for the fish producer. Rational use of antibiotics is common practice in all animal production sectors.

Nevertheless, the emergence of antimicrobial resistance as one of the most significant threats for humanity has created an urgent need to replace antibiotics with more sustainable, alternative methods. Phage therapy is one of the most promising alternatives, and there is a steadily increasing volume of scientific publications towards this direction. We would like to encourage the submission of papers to this special issue, potential topics include but are not limited to: dealing with the use of phage lytic enzymes, the use of phages as probiotics or in combination with probiotics, and the role of phages in the intestinal environment of fish, etc. Please access the special issues website and submit your papers at

https://www.mdpi.com/journal/pathogens/special_issues/Phage_Therapy_in_Aquaculture We look forward to hearing from you.

Guest Editors

Dr. Pantelis Katharios

Institute of Marine Biology, Biotechnology and Aquaculture, Hellenic Centre for Marine Research, Former American Base of Gournes, Heraklion 71500, Crete, Greece

Prof. Dr. Roberto Bastías

Pontificia Universidad Católica de Valparaíso, Chile

Deadline for manuscript submissions

closed (1 March 2022)



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

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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