



Fish Parasites and Immunology

Guest Editor:

**Prof. Louise Von Gersdorff
Jørgensen**

Section of Parasitology and
Aquatic Pathobiology, Faculty of
Health and Medical Sciences,
University of Copenhagen

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Message from the Guest Editor

Dear Colleagues

This Special Issue of *Pathogens* will focus on Fish Parasites and Immunology. Even though the resolution of host-parasite interactions has improved during the last decade, there remain unresolved key issues, including the degree to which innate or adaptive immune mechanisms are involved. Fish have a highly evolved innate immune response and a more primitive adaptive response compared with mammals, and exactly why fish hosts are susceptible or resistant and how they develop memory remains a question of interest that involves many unresolved mechanisms. Evidence suggests that many cell types of the fish adaptive immune system are more innate-like when compared with mammals. More tools to determine fish immunology have become available and, in this Special Issue, we welcome original research or review papers that present novel findings on the immune response of fish to parasite infections.

Prof. Louise Von Gersdorff Jørgensen
Guest Editor





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Editor-in-Chief

Prof. Dr. Hinh Ly

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

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.

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Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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