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## Pathogen Characterization, Host Immune Response and Development of Strategies to Reduce Losses to Disease in Aquaculture

Guest Editor:

**Prof. Dr. Timothy Green**

Department of Fisheries and  
Aquaculture, Vancouver Island  
University | VIU

Deadline for manuscript  
submissions:

**closed (31 August 2020)**

### Message from the Guest Editor

Dear Colleagues,

The global human population is expected to exceed 9 billion by 2050 (UN Estimates), increasing the pressure on the agricultural sectors to maximise food production. Seafood will have increasing importance in providing animal protein to a rapidly growing population. Seafood production from aquaculture has been the fastest growing food industry in the world for the last 40 years, but its rate of growth has slowed over the last 15 years. The emergence and spread of new diseases of finfish and shellfish has contributed to this decline. New tools to forecast and prevent diseases in aquaculture are required to maintain the industry exponential growth in seafood production.

This Special Issue in *Pathogens* will highlight advances in pathogen characterization, host-immune responses, and mitigation strategies to reduce losses to disease in finfish and shellfish aquaculture.

We look forward to your contribution.

Prof. Dr. Timothy Green

*Guest Editor*



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# Special Issue



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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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*Pathogens* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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