

## Special Issue

# New Insights into Avian Pathogens: Epidemiology, Pathogenesis, and Control Measures

### Message from the Guest Editor

This Special Issue seeks scientific articles on recent developments and discoveries related to avian pathogens. Avian pathogens are diverse microorganisms causing diseases in birds, with significance in the poultry industry and wild bird populations. Research on avian pathogens covers the following key areas: Genomic Sequencing, Vaccine Development, Host-Pathogen Interactions, Zoonotic Potential, Antibiotic Resistance, Environmental Factors, Diagnostic Techniques, Surveillance and Monitoring, Biosecurity Measures, and One Health Approach. Ongoing research yields valuable insights applicable to poultry farming, wildlife conservation, and public health. These insights enhance our understanding of avian diseases, mitigate risks, and protect poultry farms and wild birds. We propose a Special Issue to contribute new knowledge for better avian pathogen understanding and disease prevention in poultry farms and wild bird populations.

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### Guest Editor

Prof. Dr. Dan Heller

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### Deadline for manuscript submissions

closed (15 September 2024)



## Pathogens

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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.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

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

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