

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.

Guest Editor

Prof. Dr. Dan Heller

Department of Animal Sciences, Faculty of Agricultural Sciences, The Hebrew University of Jerusalem, Rehovot 76100, Israel

Deadline for manuscript submissions

closed (15 September 2024)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/184206

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

[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)





Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)



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

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, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)