



Avian and Food-Borne Zoonoses

Guest Editor:

Dr. Masashi OKAMURA

Section of Applied Veterinary
Sciences, Division of Veterinary
Sciences, Department of
Veterinary Medicine, Obihiro
University of Agriculture and
Veterinary Medicine, Hokkaido
080-8555, Japan

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editor

Production and consumption of poultry and related food products, including table eggs, have been increasing, because poultry offers high-efficiency feed conversion, intensive farming, and no religious restrictions on consumption. At the same time, poultry meat and eggs have been the vectors for food-borne zoonoses, for decades. Countermeasures against these food-borne zoonoses should be taken to encompass the whole food chain, including on-farm control. It seems that *Salmonella* egg contamination and the related human salmonellosis have been decreasing successfully due to the vaccination of layer flocks and the hygiene control of farms. This Special Issue will discuss the extent and routes of the contamination of poultry flocks/carcasses/products, the infection/colonization mechanisms in poultry, and the intervention strategies.

We also cover the well-known zoonotic pathogens such as *Salmonella* and *Campylobacter*, and the potential hazards for avian and food-borne pathogens such as *Staphylococcus* and *Listeria*, in this Issue. Research on the potential risks to public health posed by use of antibiotics in farms is also of interest, and we welcome such reviews/research articles.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Moriya Tsuji

Center for Innovative Engineering
Immunology, Albert B. Alkek
Institute of Biosciences and
Technology Building, School of
Engineering Medicine, Texas A&M
University, 2121 West Holcombe
Blvd., Suite 1007, Houston, TX
77030, 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.

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)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)