



## Avian and Food-Borne Zoonoses

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### 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.





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## Editor-in-Chief

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## 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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