

Special Issue

Epidemiology, Detection and Control of Avian Infectious Diseases

Message from the Guest Editor

Avian infectious diseases continue to pose significant threats to poultry and public health and food security worldwide. Understanding their epidemiology, improving methods for their detection, and developing effective control strategies are critical for disease prevention and sustainable poultry production. This Special Issue aims to compile high-quality research and review articles focused on the surveillance, diagnosis, pathogenesis, and control of avian infectious diseases. We hope to provide a platform for advancing scientific knowledge and facilitating global collaboration to improve avian disease control strategies. The topics of interest for this Special Issue include, but are not limited to, molecular and serological diagnostic techniques, vaccine development, antimicrobial resistance, host–pathogen interactions, biosecurity practices, and One Health perspectives. Submissions that explore emerging avian pathogens or zoonotic transmission are also encouraged.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

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Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).