

Special Issue

Detection and Immunity of Avian Viruses

Message from the Guest Editors

Avian viruses, including highly pathogenic avian influenza and zoonotic pathogens, pose significant threats to poultry industries and human health. With poultry being a major protein source in the world, the scale of farming creates an ideal environment for viral evolution and transmission. Early detection and understanding of avian viral immunity are crucial for effective disease control and prevention. Advances in diagnostic technologies have improved pathogen identification, but challenges remain in understanding host immune responses and developing effective vaccines. This Special Issue focuses on the detection and immunity of avian viruses. We invite submissions on novel diagnostic techniques, immune responses in poultry and wild birds, vaccine development, and host genetic factors influencing susceptibility. By highlighting recent advancements, we aim to enhance our understanding of avian viral diseases and contribute to their control and prevention.

Guest Editors

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Deadline for manuscript submissions

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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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