

Special Issue

Pathogenesis and Immune Responses of Viral Infections in Poultry and Wild Birds

Message from the Guest Editors

Viral infections pose major challenges to poultry production and wild bird populations, causing economic losses and ecological risks. Understanding the mechanisms of viral pathogenesis and host immune responses is crucial for disease prevention and control. Recent studies in molecular virology and immunology have revealed how viruses interact with host defenses, influence susceptibility, and drive disease outcomes. This Special Issue focuses on advances in the pathogenesis of avian viral infections and host immune responses, aiming to highlight novel findings that can support vaccine development, antiviral strategies, and improved management practices to protect both poultry and wild bird health.

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Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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