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Emerging and Re-Emerging Infectious Diseases: A Continuing Challenge to the Global Avian Production and Management

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Message from the Guest Editors

Avian production is one of the fastest-growing agricultural subsectors worldwide and provides a relatively healthy and efficient source of protein to humans. However, one of the biggest challenges facing the industry is the emergence and re-emergence of infectious diseases which continue to impact its competitiveness and profitability. Several factors are suggested to contribute to the surge in the emergence and re-emergence of infectious diseases which include the overtime evolution of pathogens, expanded trans-boundary trade of avian species and their products, etc. Continuous research and prompt data sharing on the identification and characterization of emerging and re-emerging pathogens of avian species is critical for the development of effective and safe control and prevention strategies. The aim of this issue is to publish and widely share original scientific data on emerging and re-emerging avian pathogens focused on, but not limited to: Epidemiological investigation; Pathogenicity and host-pathogen interaction studies; Novel diagnostic technique development; Development of vaccine candidates and vaccination strategies.



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Message from the Editor-in-Chief

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