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Infectious Diseases in Poultry

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Message from the Guest Editors

Dear Colleagues,

In recent years, significant improvements in poultry welfare have been introduced in poultry rearing systems. These improvements have intensified some management problems, but have also created more difficulties in infection control. Some infections, usually occur in poultry without symptoms, representing a problem for human health. The European Union recommends the prudent use of antibiotics in poultry production systems considering the possible implications for the development of antimicrobial resistance. Therefore, the implementation of biosecurity measures and strategies for infectious diseases control has been encouraged, exploring alternatives to the use of antibiotics such as acidifying components, natural substances, immunostimulants, and vaccines. Researchers unceasingly work on gaining knowledge, new results, and innovation in poultry diseases control. The aim of this Special Issue is to disseminate new data on epidemiology, pathogenic mechanisms, diagnostic tools, and vaccine development for infectious diseases prevention and control.

Dr. Elena Circella

Dr. Claudia Maria Tucciarone

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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