



Poultry Infectious Diseases: Immunity and Microbiota

Guest Editors:

Dr. Woo H. Kim

Institute of Animal Medicine,
College of Veterinary Medicine,
Gyeongsang National University,
Jinju 52828, Korea

Dr. Hyun Lillehoj

USDA ARS Beltsville Agricultural
Research Center, Beltsville, MD
20705, USA

Dr. Keila Acevedo-Villanueva

Department of Medical
Microbiology and Immunology,
Health Science Campus,
University of Toledo, 3100
Transverse Dr, Toledo, OH 43614,
USA

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Message from the Guest Editors

Dear Colleagues,

Despite the difficult circumstances with COVID-19, global population growth is driving up the demand for food and poultry species are being bred to satisfy the global demand. Infectious diseases in poultry caused by pathogens including viruses, bacteria, parasites, and fungi continue to pose a threat to the sustainability, productivity, and growth of the poultry industry worldwide.

This Special Issue aims to focus on the role of immunity and the microbiota in poultry infectious diseases. Immunity refers to the response of the host to pathogens and the microbiota, which are a community of microorganisms believed to be closely related to combating diseases. Like other species, including humans, many infectious diseases in poultry still need to be studied in order to establish strategies for controlling them. This Special Issue will cover many aspects of various infectious diseases in poultry in the context of immune responses as well as the microbiota, not limited to chickens but including other species such as turkeys and ducks.

Both original research and review articles are welcomed.





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Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious
Diseases, College of Veterinary
Medicine, University of Georgia,
Athens, GA 30602-7387, USA

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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Contact Us

Vaccines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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