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Veterinary and Alternative Strategies to Control Avian Coccidiosis and Necrotic Enteritis

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Message from the Guest Editor

Dear Colleague,

Avian coccidiosis and necrotic enteritis (NE) are the top enteric diseases compromising the performance and gut health of chickens. Avian coccidiosis is caused by at least seven distinct species of *Eimeria* apicomplexa protozoa that infect the intestinal mucosa. Avian NE is an acute or chronic enterotoxemia in chickens caused by *Clostridium perfringens*, a gram-positive, anaerobic, spore-forming bacterium, and characterized by a fibronecrotic enteritis of the small intestine. Until now, preventive measures (i.e., vaccines) against the enteric pathogens have not been developed that warrant the integrative strategies incorporating from veterinary to nutrition improving immunity and gut health of the hosts. In this Special Issue, we will include reviews of current understanding on the pathogenesis and control measures of avian coccidiosis and NE, and research articles presenting new findings of the molecular and immunological working mechanisms of veterinary and alternative measures controlling the enteric pathogens.

Prof. Dr. Kyung-Woo Lee
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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