



## Gut Health in Poultry

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### Message from the Guest Editors

Dear Colleagues,

Intestinal health is of vital importance to the performance and wellbeing of poultry. A healthy gut is based on the physiological homeostasis of different processes including nutrient digestion and absorption, host metabolism and energy generation, stable gut microbiome, mucus layer development, mucosal immune responses, and intestinal barrier function. The gastrointestinal tract is responsible for regulating this physiological homeostasis that provides the animal the ability to withstand endogenous and exogenous stressors, such as high feed intake, certain feed ingredients, specific pathogens, and toxins.

This Special Issue aims to gather innovative research on the pathogenesis of infectious and non-infectious intestinal disease, gut health diagnostics, intestinal immunity, and studies investigating the mode of action of novel feed ingredients and feed additives to control gut health.

Prof. Gunther Antonissen

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*Guest Editor*





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## Message from the Editor-in-Chief

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