

Special Issue

Strategies to Improve Gut Health and Immunity in Monogastric Animals

Message from the Guest Editors

Maintaining the gut health of animals is critical in livestock farming. This is extremely important, especially in young animals, which are extremely susceptible to pathogens from various sources. For many years, research has been conducted on improving the intestinal health and immunity of animals. Many research directions of experiments have been considered, starting from zoohygienic procedures and the use of feed additives and supplements and ending with interference in animal genetics. Providing breeding animals with conditions that have a positive impact on their gut anatomical structure (crypts, villi), increasing the absorption surface and/or microbiome, i.e., the development of beneficial intestinal micro-flora and limiting the spread of pathogens, brings many benefits, including, among others, improving digestibility, nutrient absorption, and the integrity of the intestinal barrier or stimulation of mucosal immunity. This Special Issue, “Strategies to Improve Gut Health and Immunity in Monogastric Animals”, welcomes the submission of original research papers and reviews concerning all aspects related to optimizing the gut health of monogastric animals.

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About the Journal

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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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