



*animals*



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## EBM Collection: Composition and Function of Poultry Gut Microbiota

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Deadline for manuscript submissions:

**closed (20 December 2024)**

### Message from the Guest Editors

Dear Colleagues,

The last decade of research has brought about an increased interest and advancements in knowledge about the roles intestinal microbial communities play in the health and performance of all animals. Poultry production is a high-stress environment where the birds are often exposed to a high animal density, an overload of pathogens, excreta, and a high production of stress manifested as either the rapid growth in broilers or high egg production in layers. The influence of both beneficial and detrimental microbiota is more pronounced under stress, and the benefits of a balanced and beneficial microbial community to bird health, welfare, and performance are well documented. In this Special Issue of *Animals*, we invite submissions of manuscripts investigating the roles of intestinal microbiota in poultry health and their interactions with the environment, nutrition, gene expression, and bird behaviour, focusing on improving bird welfare and performance. We encourage the submission of highly investigative manuscripts with clear objectives rather than papers cataloguing microbiota under different conditions.



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**Special** Issue



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2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

## 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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