

Special Issue

Gut Health - Animal Health: An Indissoluble Binomial in Veterinary Nutrition and Medicine

Message from the Guest Editor

In recent times, the term 'gut health' has become increasingly popular as a state of physical well-being in the absence of gastrointestinal complaints. There is clear evidence that the gastrointestinal tract function goes further than feed processing. In fact, the gut has an impact on general health by ensuring digestion and absorption of nutrients, minerals, and fluids; by induction of mucosal and systemic tolerance; by defence of the host against biological and other pathogens; and by signaling from the periphery to the brain. For this reason, in veterinary medicine gut health can be considered a synonymous of animal health and can offer a new approach to preventive medicine.

Original research papers and reviews that address different strategies (nutritional, environmental, or clinical strategies) to improve and maintain the different components of gut health (e.g. intestinal morphology, microbiota, mucins, immune responses/cytokines expression) in food-producing, companion animals and animal models are welcome.

Guest Editor

Prof. Dr. Maria Teresa Capucchio
Department of Veterinary Science, University of Turin, Largo Paolo Braccini 2, 10095 Grugliasco, TO, Italy

Deadline for manuscript submissions

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
 2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia
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