

Special Issue

The Use of Phytogenic Feed Additives to Enhance Productivity and Health in Animals

Message from the Guest Editors

Animal disease causes damage to animal production performance, milk, and meat quality. In general, treatment of animal disease using antibiotics is worrisome for animal and human health because of the presence of residues of these antibiotics in milk and meat. Therefore, the development of alternative phytogenic feed additives and novel plant extracts to mount the innate immune response to treat animal disease is urgent for improving animal productivity and human health. This Special Issue publishes original research papers and reviews on the use of phytogenic feed additives or plant extracts for improving productivity and health in animals. Key areas of interest focus on the use of phytogenic feed additives or plant extracts to enhance animal productivity, innate immune response, and reduce inflammation response, including 1) the study interplay between feed additives and gut and mammary gland health of ruminant animals in vivo and 2) the use of novel plant extracts to study the molecular mechanism of reducing pro-inflammation response in ruminant rumen and gut epithelium in vitro.

Guest Editors

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Dr. Miao Lin

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Deadline for manuscript submissions

closed (30 April 2023)



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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

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