

Special Issue

Animal Nutritional Genomics

Message from the Guest Editor

Nutritional genomics, also known as nutrigenomics, is the study of the effects of food on the gene expression of the host. In animals, especially livestock placed long-term on a specific nutritional formula, the lack of nutritional diversity amplifies the effects the individual feed ingredients may have on the host. Recent research has been highlighting the role of regularly consumed micro- and macro-nutrients in disease predisposition and organ toxicology. In this Special Issue, we invite manuscripts that explore the use of feed and feed ingredients in manipulating the gene expression profile of the host toward better health, immunity, and stress responses, as well as manuscripts that reveal the adverse transcriptional effects that some common foods may have on the host. Dr. Dana Stanley

Guest Editor

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Deadline for manuscript submissions

closed (19 August 2021)



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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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