

Special Issue

Nutrigenomics in Animal Sciences

Message from the Guest Editors

It is well known that nutrients play important roles in regulating animal metabolism and health. Nutrients not only participate in cell metabolism but also modify gene expression. However, the exact molecular mechanism by which nutrients regulate cell metabolism in livestock is still unclear. Therefore, investigating how nutrients modulate animal metabolism and health on the molecular level will help gain a deeper understanding of the role of nutrients in improving animal production and alleviating the incidence of metabolic diseases. The aim of this Special Issue is to gain more knowledge on the effects of nutrients including amino acids, fatty acids, and minerals on animal metabolism and health at the molecular level. For this Special Issue, original research articles and reviews are welcome. I look forward to receiving your contributions.

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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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