

Special Issue

Application of Metabolomics in Animal Nutrition Research

Message from the Guest Editors

Currently emerging methods to analyze biomolecules allow for a deep understanding of how metabolic factors influence some events. These methods have been applied to bioinformatic and statistical techniques to provide a more profound understanding of biological pathways and intricate molecular interactions, resulting in the application of metabolomics. Metabolomics is a tool that is being increasingly used in different areas within animal sciences, including nutrition and final products. Therefore, in this Special Issue, we invite research and review articles on topics including but not limited to the following: the effects of the diet, ingredients, nutrients, local resources, secondary plant metabolites, in vitro assays, and metabolomic protocols on performance, health, meat, milk, and egg quality or production. Target and non-target experiments are welcome, as are submissions with suitable techniques as methods. The contribution should be clearly stated in the manuscript.

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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.

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