Special Issue

Nutritional Strategies for Nutrient Metabolism Disorders in Animals under Stress

Message from the Guest Editors

The productive performance of animals is rapidly improved today thanks to the continuous improvement of breeding technology. However, the anti-stress capacity of animals is weakening, which seriously affects the health status and quality of livestock products. Animals often suffer from various stresses, such as weaning stress, heat stress, transport stress, immune stress, high density stress, cold stress, and so on. The metabolism of nutrients in the body is often disturbed when animals are under various stresses, which reduces the utilization of nutrients. Some potential nutritional strategies could alleviate stress in animals to improve health status, performance, as well as the quality of animal products. The purpose of this Special Issue is to collect new papers on the mechanism of nutrient metabolism disorder in animals under stress and the relevant nutritional strategies, so as to help livestock production.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2024)

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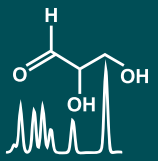

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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