

Special Issue

Monogastric Livestock Nutrition: Improving Muscle Fatty Acids

Message from the Guest Editor

The meat of monogastric animals contains a large number of essential nutrients, such as essential fatty acids (EFAs), iron, group B vitamins, and vitamins D and E. Today, the feeding of our animals requires great optimization to guarantee not only animal welfare but also the best composition of these nutrients to prevent degenerative diseases related to nutritional imbalances. Many studies have been carried out with the aim of increasing the content of oleic acid and omega 3 fatty acids in pork and chicken, since they are the main representatives of monogastric animals with meat aptitude. However, there are still many ways of action to be explored to improve monogastric animals' products and production. That is the case of the combination of omega 3 with antioxidants, inclusion of various types of fatty acids or modeling growth and its relationship with the accumulation and quality of intramuscular fat, above all in sustainable production systems.

Guest Editor

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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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