

## Special Issue

# The Role of Inflammation in Farm Animals and Its Prevention by Dietary Approaches

### Message from the Guest Editors

High-performing farm animals, including high-yielding dairy cows and lactating sows, frequently suffer from inflammatory conditions caused by various challenges such as infectious diseases or stressors (metabolic stress, heat stress, social stress). Previous studies have shown that the induction of a pro-inflammatory condition not only affects animal health but also impairs animal performance such as milk yield or growth. The prevention of the development of pro-inflammatory conditions has been shown to improve several aspects of animal health and performance. The aim of this Special Issue is to publish original research papers and reviews dealing with the development of pro-inflammatory conditions in farm animals, the role of inflammation in health and performance, and its prevention by dietary approaches.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2021)



## Animals

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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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### Editor-in-Chief

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