

## Special Issue

# Plant-Based Alternatives to Antimicrobial in Animal Feed

### Message from the Guest Editors

The increase of antimicrobial resistance, a major threat at a global scale, has attracted attention from researchers, particularly in studies on the development of effective alternatives to antimicrobials. In this scenario, plants represent a relevant source of bioactive and functional compounds eliciting beneficial health effects in humans and animals, recognized also in traditional medicine in different countries. Substances of plant-origin, included in the animal diets, can exert antimicrobial effects, directly or indirectly, through different mechanisms of action and can be considered a valid strategy for the control of the diseases or to guarantee the health status of animals. Areas of interest include phytochemicals, sustainability, alternatives to antimicrobials, feed additives, in vivo, or in vitro effects of plant-based feed. We invite original research papers and review articles addressing aspects of the use of plant-based alternatives to antimicrobials as animal feed ingredients in farm animals.

### Guest Editors

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### Deadline for manuscript submissions

closed (26 November 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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