

Special Issue

Plant Extracts as Feed Additives in Animal Nutrition and Health

Message from the Guest Editors

Phytogenic feed additives are a wide range of plant-derived products (e.g., herbs, spices, essential/aromatic oils, oleoresins) which exhibit a wide range of activities, such as antioxidant, antimicrobial, anti-inflammatory, anticoccidial, and anthelmintic properties thanks to the presence of bioactive compounds mainly belonging to the classes of isoprene derivatives and flavonoids. The dietary supplementation of phytogenic additives has been shown to exert beneficial effects on animals' health (gut, immune system, antioxidant defenses, etc.), growth performance, nutrient retention, and intestinal microflora, leading to reduced susceptibility to diseases. This Special Issue aims to publish original research papers and review articles related to applying phytogenic feed additives to improve the welfare of livestock, poultry, and fish species. Particular emphasis will be on studies focusing on the antioxidant, anti-inflammatory, and immunomodulatory activities of phytoextracts on animals' organisms, correlating to the composition of phytoextracts.

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Deadline for manuscript submissions

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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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