



animals



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Phytogenic as In-Feed Antimicrobial Growth Promoters

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Message from the Guest Editors

Dear Colleagues,

The utilization of plant extracts in traditional medicine has long been reported to be a safe, effective, and natural remedy for several diseases. So far, the bioactive components of some plant extracts have been characterized and are available as commercial products; however many plant bioactive components are still unexplored, and research delineating the mechanisms behind their antimicrobial action is scarce. Thus, there is a need to gather more scientific information on the effects of these unexplored phytogenics in controlling gut pathogenic microbiota and improving the overall performances, product quality, and production characteristics of the animals, as well as the mode of action of these plant extracts. This Special Issue intends to cover advances in exploring new phytogenics and their potentials in improving the animal performance and production characteristics as well as exploring the mechanistic basis of antimicrobial action of phytogenics which is applied as in-feed antimicrobial growth promoters.



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Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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