

Special Issue

Reducing Antibiotics in Pig Farming – Multilevel Approach

Message from the Guest Editors

Antibiotics can be used in animal production for therapeutic, sub-therapeutic and prophylactic purposes. Reducing antibiotic use in pig farming is a great challenge and necessity. Banning the use of antibiotics as a feed additives has intensified research into possibility of using other additives such as, for instance, probiotics, prebiotics, synbiotics, postbiotics, acidifiers and herbs. This ban resulted from concern for human health, the observed development of antimicrobial resistance, the theoretical possibility of transfers of bacterial genes responsible for bacterial resistance between animals and humans, and animal waste pollution of the environment. Although feed antibiotics were used to promote animal health and growth, in reality their use quite often reflected a primary goal of alleviating the negative effects of poor hygiene and management.

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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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