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Reducing Antibiotics in Pig Farming – Multilevel Approach

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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

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