



Feeding Strategies to Minimize the Use of Antimicrobials and Zinc Oxide in Pig Production

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Message from the Guest Editors

Dear Colleagues,

The use of antimicrobials as growth promoters and the incorrect use of antibiotics have led to the onset of the worrying phenomenon of antibiotic resistance. To counteract this dangerous problem, institutions have imposed a reduction in the use of antimicrobials and dietary supplementation with high dosages of zinc oxide (EMA, 2016; EFSA, 2016).

Together with correct management, prevention and biosecurity plans, alternative feed strategies are needed to support pig's growth and health throughout the breeding phase.

Therefore, this Special Issue welcomes submissions, including reviews or original research studies, on pig nutrition regarding all feeding strategies useful to minimize the use of antimicrobials and zinc oxide.

In particular, the papers may concern the use of the following in pig nutrition: acidifiers; probiotics; prebiotics; substances with immunomodulating activity; enzymes; botanicals, vegetal extracts and essential oils; functional feeds; and any nutritional strategy that allows to reduce/eliminate the use of antimicrobials and zinc oxide.





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Message from the Editor-in-Chief

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