



366 Research paper

Piglet gut microbial shifts early in life: causes and effects

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In **Significant Impact Groups:**

Feed / gut health \ None

Species targeted: Pigs;

Age: Young;

Summary:

The establishment and maintenance of a beneficial gut microbiota early in life is crucial in pigs. The intestinal microbiota is known to play major roles in the development of immune system and the overall health of piglets. Piglets are exposed to a number of stressors during the weaning transition. This review provides a general overview of recent studies on effects on weaned piglet gut microbiota. Several factors that influence the gut microbiota are described: diet and diet change, probiotics, prebiotic and synbiotics, antibiotic, host genetic, and the possible links between the intestinal microbiota composition of piglets and its association with growth performance and health.

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Where to find the original material:

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6330741/pdf/40104_2018_Article_308.pdf;

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