



28 Research paper

The role of probiotics, prebiotics and synbiotics in animal nutrition by Markowiak, P. and K. Śliżewska
2018 Gut Pathogens 10: 21 (20p.)

in **Significant Impact Group(s)**: Specific alternatives \ Pre-/probiotics

Species targeted: Pigs;Poultry;Dairy;Beef;Sheep;
Age: Different for different species;

Summary: Despite numerous difficulties associated with the registration of feed additives, modern global economy and strong market competition result in the need to introduce new technologies to animal nutrition. This paper discusses definitions of probiotics, prebiotics and synbiotics. Criteria that have to be met by those kinds of formulas are also presented. The paper offers a list of the most commonly used probiotics and prebiotics and some examples of their combinations in synbiotic formulas used in animal feeding. Examples of available study results on the effect of probiotics, prebiotics and synbiotics on animal health are also summarised

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Where to find the original material:

<https://gutpathogens.biomedcentral.com/articles/10.1186/s13099-018-0250-0>;
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