

New study: Gut flora stabilizers (probiotics) have documented effect on the microbiome.

Using ProBiotic LIVE – a patented Super Premium pet food, containing the gut flora stabilizer *Enterococcus faecium* – as the test diet, it is found that dogs' microbiome and other selected metabolites benefit from *Enterococcus faecium*, according to new study from the University of Copenhagen.

Researchers from the University of Copenhagen and multiple Danish veterinarians and professionals have recently published a new study about the effect of *Enterococcus faecium* (a gut flora stabilizer (probiotics)). The study is called 'Alterations in Healthy Adult Canine Faecal Microbiome and Selected Metabolites as a Result of Feeding a Commercial Complete Synbiotic Diet with *Enterococcus faecium* NCIMB 10415'^[1], of which the aim is:

"(...) to investigate the effects of feeding a diet containing Enterococcus faecium NCIMB 10415 on faecal quality, faecal short-chain fatty acid concentrations, serum concentrations of cholesterol, triglycerides, cobalamin and folate as well as faecal microbiome in adult dogs."^[1]

After examining dogs eating ProBiotic LIVE, containing the gut flora stabilizer (probiotic) *Enterococcus faecium* NCIMB 10415 (4b1707), the researchers analyzed the microbial diversity and changes in relative abundance of some specific microbes, in which they found that *E. faecium* has a positive effect on the microbiome, it contributes to mildly improved faecal quality, and it has a mild cholesterol lowering effect.

The study was conducted by feeding ProBiotic LIVE Dog Adult as well as the same product without the addition of *E. faecium*. The dogs were fed with a diet – with or without gut flora stabilizers (probiotics) – for 16 days, after which they had a 19-day washout period, and finally concluded with a 16-day feeding period with the alternate diet^[1].

"We have proudly supplied the study with our patented 'ProBiotic LIVE Dog Adult Chicken' as well as produced a special batch for the study specifically without the Enterococcus faecium. The results correspond with our main goal of providing a unique formula for unique pets with a documented effect."

- Jørgen Baymler, CEO at Bacterfield GmbH

Bacterfield GmbH's main goal is to produce pet food to improve the overall health of pets – all grounded in research, studies, and proven effects. Therefore, it is important to continuously meet the standards of Super Premium pet food, as well as providing cats and dogs with the most effective ingredients to help restore or maintain normal gut functions, improve skin and fur, and boost the immune system.

If you are interested in reading the study, you can find it here: <https://doi.org/10.3390/ani13010144>

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1. Nybroe, S.; Horsman, P.B.; Krag, K.; Hosbjerg, T.G.; Stenberg, K.; Khakimov, B.; Baymler, J.; Bjørnvad, C.R.; Kieler, I.N. Alterations in Healthy Adult Canine Faecal Microbiome and Selected Metabolites as a Result of Feeding a Commercial Complete Synbiotic Diet with *Enterococcus faecium* NCIMB 10415. *Animals* **2023**, *13*, 144. <https://doi.org/10.3390/ani13010144>