Blue Buffalo is committed to sharing the results of our product and technology research with veterinarians and nutrition scientists via presentations at conferences and submissions to peer-reviewed journals. The following are our most recent publications to date (December 2023).

Published Research

1. Belchik SE et al. A Veterinary Gastrointestinal Diet Affects Fecal Characteristics, Metabolites, Bile Acids, and Microbiota Concentrations of Antibiotic-Treated Cats. J Anim Sci. 2023; 101 Supp 3:443-444.
2. Belchik SE et al. A Veterinary Gastrointestinal Low-Fat Diet Affects Fecal Characteristics, Metabolites, Bile Acids, and Microbiota Concentrations of Antibiotic-Treated Dogs. J Anim Sci. 2023; 101 Supp 3:442-443.
3. Lin CY et al. A Probiotic Blend Improves Fecal Quality and Enhances Gut Immunity in Dogs with Chronic Diarrhea. J Anim Sci. 2023; 101 Supp 3:464-465.
4. Lin CY et al. A Premium Dry Dog Food Elicits Gut Health Benefits Compared with a Grocery Dry Dog Food. J Anim Sci. 2023; 101 Supp 3:465-466.
5. Lin CY et al. A Premium Dry Cat Food Enhances Digestibility and Gut Health in Cats Compared with a Grocery Dry Cat Food. J Anim Sci. 2023; 101 Supp 3:465.
6. Lin CY et al. Saccharomyces Cerevisiae Fermentation Product Modulates Blood Cell Counts and Gut Immunity in Healthy Adult Cats. J Anim Sci. 2023; 101 Supp 3:462.
7. Norton SA et al. Saccharomyces Cerevisiae Fermentation Product Influences Indicators of Gut Health and Function in Healthy Adult Cats. J Anim Sci. 2023; 101 Supp 3:460-461.
8. Norton SA et al. Saccharomyces Cerevisiae Fermentation Product Promotes Improved Preference and Consumption in Adult Cats Fed an Extruded Diet J Anim Sci. 2023; 101 Supp 3:461-462.
9. Wilson SM et al. Effects of a Saccharomyces cerevisiae fermentation product-supplemented diet on fecal characteristics, oxidative stress, and blood gene expression of adult dogs undergoing transport stress. J Anim Sci. 2023; 101:skac378. https://doi.org/10.1093/jas/skac378
10. Panasevich MR et al. Dietary ground flaxseed increases serum alpha-linolenic acid concentrations in adult cats. Animals 2022; 12:2543. https://doi.org/10.3390/ani12192543
11. Wilson SM et al. Effects of a Saccharomyces cerevisiae fermentation product-supplemented diet on circulating immune cells and oxidative stress markers of dogs. J Anim Sci. 2022; 100:skac245. https://doi.org/10.1093/jas/skac245
12. Lin CY et al. Effect of a Yeast Product on Palatability, Fecal Microbiota, and Blood Values of Adult Cats. J Anim Sci. 2022; 100 Supp 3:51.
13. Panasevich M et al. Evaluation of Antioxidant-containing Kibble on Serum Antioxidant Biomarkers in Adult Beagles. J Anim Sci. 2022; 100 Supp 3:57-58.
14. Panasevich M et al. Antioxidant-containing Kibble Supplemented to Adult Cats Elicited Improvements in Antioxidant Outcomes and C-reactive Protein. J Anim Sci. 2022; 100 Supp 3:58.
15. Yotis SM et al. Effects of a Saccharomyces Cerevisiae Fermentation Product-supplemented Diet on Circulating Immune Cells and Oxidative Stress Markers of Dogs. J Anim Sci. 2022; 100 Supp 3:276.
16. Yotis SM et al. Effects of a Saccharomyces Cerevisiae Fermentation Product-supplemented Diet on Fecal Characteristics, Oxidative Stress, and Blood Gene Expression of Adult Dogs Undergoing Transport Stress. J Anim Sci. 2022; 100 Supp 3:59-60.
17. Panasevich MR et al. Altered fecal microbiota, IgA, and fermentative end-products in adult dogs fed prebiotics and a nonviable Lactobacillus acidophilus. J Anim Sci. 2021; 99:1-11. https://doi.org/10.1093/jas/skab347
18. Brewer L et al. Performance of sunflower protein meal and dried yeast as secondary protein sources in feline diets. J Anim Sci. 2021; 99 Supp 3:334-335.
19. Brewer L et al. Performance of sunflower protein meal and dried yeast as secondary protein sources in canine diets. J Anim Sci. 2021; 99 Supp 3:335.

20. Panasevich M et al. Inclusion of Lemna as a plant-based protein ingredient in dog and cat diets. J Anim Sci. 2021; 98 Supp 4:317.
21. Tefft KM et al. Effect of a struvite dissolution diet in cats with naturally occurring struvite urolithiasis. J Fel Med Surg. 2020. https://doi.org/10.1177/1098612X20942382
22. Frantz NZ et al. Novel food with mixed soluble fiber promotes quicker resolution of acute diarrhea in shelter kittens. J Anim Physiol Anim Nutr. 2020; 104:406.
23. Frantz NZ et al. Novel food with mixed soluble fiber promotes quicker resolution of acute diarrhea in shelter puppies. J Anim Physiol Anim Nutr. 2020; 104:406.
24. Franz NZ et al. Novel food with mixed soluble fiber promotes improved stool scores in cats with chronic diarrhea.J Anim Physiol Anim Nutr. 2020; 104:406.

Presented Abstracts

1. Lin CY et al. Nonviable Lactobacillus Acidophilus Consumption Decreases Digestibility but Improves Dysbiosis Index in Cats with Chronic Diarrhea. In Proceedings AAVN Clinical Nutrition & Research Symposium. Philadelphia PA, June 13-14, 2023.
2. Lin CY et al. Including a Nonviable Lactobacillus Acidophilus Increases Digestibility in Healthy Dogs and Dogs with Chronic Diarrhea. In Proceedings AAVN Clinical Nutrition & Research Symposium. Philadelphia PA, June 13-14, 2023.
3. Cohn A et al. Feeding a High-Fiber, High-Protein Diet Lowers Serum Fructosamine and Delays Insulin Use in Diabetic Cats. In Proceedings AAVN Clinical Nutrition & Research Symposium. Austin TX, June 21-22, 2022.
4. Mitsuhashi Y et al. Effects of Dietary Potassium Fortification on Potassium Efflux and Serum Level in Healthy Adult Cats. In Proceedings AAVN Clinical Nutrition & Research Symposium. Austin TX, June 21-22, 2022.
5. Yotis SM et al. Effects of a Saccharomyces Cerevisiae Fermentation Product-Supplemented Diet on Skin and Coat Health of Dogs. In Proceedings AAVN Clinical Nutrition & Research Symposium. Austin TX, June 21-22, 2022.
6. Panasevich M et al. Dietary ground flaxseed increases serum alpha-linolenic acid concentrations in adult cats. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 2-3, 2021.
7. Panasevich M et al. Serum biomarkers predict improved body composition in overweight dogs fed a therapeutic diet. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 2-3, 2021.
8. Panasevich M et al. Improved body composition is linked to serum biomarkers in overweight cats fed a therapeutic diet. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 2-3, 2021.
9. Panasevich M et al. Prebiotics plus novel bacterial-derived prebiotic shift fecal microbiota, metabolites, and IgA in healthy adult dogs. In Program Global Animal Nutrition Summit. University of Guelph, August 2020.
10. Frantz NZ et al. Reduced protein food with L-carnitine maintains lean mass and renal health in senior cats. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 10-11, 2020.
11. Frantz NZ et al. Novel food containing antioxidants and fish oil improves mobility scores in arthritic dogs. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 10-11, 2020.
12. Tefft KM et al. A moderate sodium novel dry diet dissolves naturally occurring struvite cystoliths in cats. In Proceedings AAVN Clinical Nutrition & Research Symposium. Virtual, June 10-11, 2020.
13. Lewis T et al. Evaluation of a new hydrolyzed salmon-based diet in dogs with suspected cutaneous adverse food reaction: a multi-center randomized triple-blinded clinical trial. In Proceedings of the North American Veterinary Dermatology Forum (NAVDF); 2019 April 10-13; Austin, Tx.