

参考文献

- [1] Suchodolski JS. Intestinal microbiota of dogs and cats: a bigger world than we thought. *Vet Clin North Am Small Anim Pract.* (2011) 41:261-72. doi: 10.1016/j.cvsm.2010.12.006
- [2] 福田真嗣. 2016. 腸内環境制御が切り拓く疾患予 防・治療の新地平. 実験医学 34:868-874
- [3] 光岡知足. 1997. イヌ・ネコ腸内細菌叢(2). *PROVET*112, 56-57
- [4] 森下芳行. 1990. 「腸内フローラに影響する要因」 腸内フローラの構造と機能. 朝倉書店、東京
- [5] Honneffer, J. B., Minamoto, Y. and Suchodolski, J. S. 2014. Microbiota alterations in acute and chronic gastrointestinal inflammation of cats and dogs. *World J. Gastroenterol.* 20: 16489-16497.
- [6] Isaiah, A., Parambeth, J. C., Steiner, J. M., Lidbury, J. A. and J. S. Suchodolski, J. S. 2017. The fecal microbiome of dogs with exocrine pancreatic insufficiency. *Anaerobe* 45: 5058.
- [7] Kalenyak, K., Isaiah, A., Heilmann, R. M., Suchodolski, J. S. and Burgener, I. A. 2018. Comparison of the intestinal mucosal microbiota in dogs diagnosed with idiopathic inflammatory bowel disease and dogs with food-responsive diarrhea before and after treatment. *FEMS Microbiol. Ecol.* 94.
- [8] 須藤信行, 2017. 腸内細菌雑誌 31:23-32, 2017
- [9] 須藤信行, 2005. ストレスと腸内フローラ. 腸内細菌雑誌 19:25-29

- [10] Ruth E. Ley, Fredrik Backhed, Peter Turnbaugh, Catherine A. Lozupone, Robin D. Knight, and Jeffrey I. Gordon 2005. Obesity alters gut microbial ecology
- [11] Minamoto Y, Minamoto T, Isaiah A, Sattasathuchana P, Buono A, Rangachari VR, et al. Fecal short-chain fatty acid concentrations and dysbiosis in dogs with chronic enteropathy. *J Vet Intern Med.* (2019) 33:1608-18. doi: 10.1111/jvim.15520
- [12] Minamoto Y, Otoni CC, Steelman SM, Büyükleblebici O, Steiner JM, Jergens AE, et al. Alteration of the fecal microbiota and serum metabolite profiles in dogs with idiopathic inflammatory bowel disease. *Gut Microbes.* (2015) 6:33-47. doi: 10.1080/19490976.2014.997612
- [13] 辨野義己. 2011. プロバイオティクスとして用いられる乳酸菌の分類と効能. モダンメディア 57 巻 10 号.
- [14] Furusawa Y, Obata Y, Fukuda S, et al. Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. *Nature* 2013 ;504 :446-450.
- [15] Vazquez-Baeza Y, Hyde ER, Suchodolski JS, Knight R. Dog and human inflammatory bowel disease rely on overlapping yet distinct dysbiosis networks. *Nat Microbiol.* (2016) 1:16177. doi: 10.1038/nmicrobiol.2016.177
- [16] Leipzig-Rudolph M, Busch K, Prescott JF, Mehdizadeh Gohari I, Leutenegger CM, Hermanns W, et al. Intestinal lesions in dogs with acute hemorrhagic diarrhea syndrome associated with netF-positive *Clostridium perfringens* type A. *J Vet Diagn Invest.* (2018) 30:495-503. doi: 10.1177/1040638718766983

[17] Nagpal, R., Yadav, H. and Marotta, F. 2014. Gut microbiota: the next-gen frontier in preventive and therapeutic medicine? *Front. Med. (Lausanne)*1: 15.

[18] Suchodolski JS, Dowd SE, Wilke V, Steiner JM, Jergens AE. 16S rRNA gene pyrosequencing reveals bacterial dysbiosis in the duodenum of dogs with idiopathic inflammatory bowel disease. *PLoS ONE*. (2012) 7:e39333. doi: 10.1371/journal.pone.0039333

[19] Kalenyak K, Isaiah A, Heilmann RM, Suchodolski JS, Burgener IA. Comparison of the intestinal mucosal microbiota in dogs diagnosed with idiopathic inflammatory bowel disease and dogs with food-responsive diarrhea before and after treatment. *FEMS Microbiol Ecol*. (2018) 94:fix173. doi: 10.1093/femsec/fix173

[20] Omori, M., Maeda, S., Igarashi, H., Ohno, K., Sakai, K., Yonezawa, T., Horigome, A., Odamaki, T. and Matsuki, N. 2017. Fecal microbiome in dogs with inflammatory bowel disease and intestinal lymphoma. *J. Vet. Med. Sci.* 79: 1840–1847.

[21] Nick D. Jeffery, Andrew K. Barker, Cody J. Alcott, Jon M. Levine, Ilyssa Meren, Jane Wengert, Albert E. Jergens, Jan S. Suchodolski. 2017. The Association of Specific Constituents of the Fecal Microbiota with Immune-Mediated Brain Disease in Dogs

[22] Erin T. Bell, Jan S. Suchodolski, Anitha Isaiah, Linda M. Fleeman, Audrey K. Cook, Jorg M. Steiner, Caroline S. Mansfield .2014. Faecal Microbiota of Cats with Insulin-Treated Diabetes Mellitus