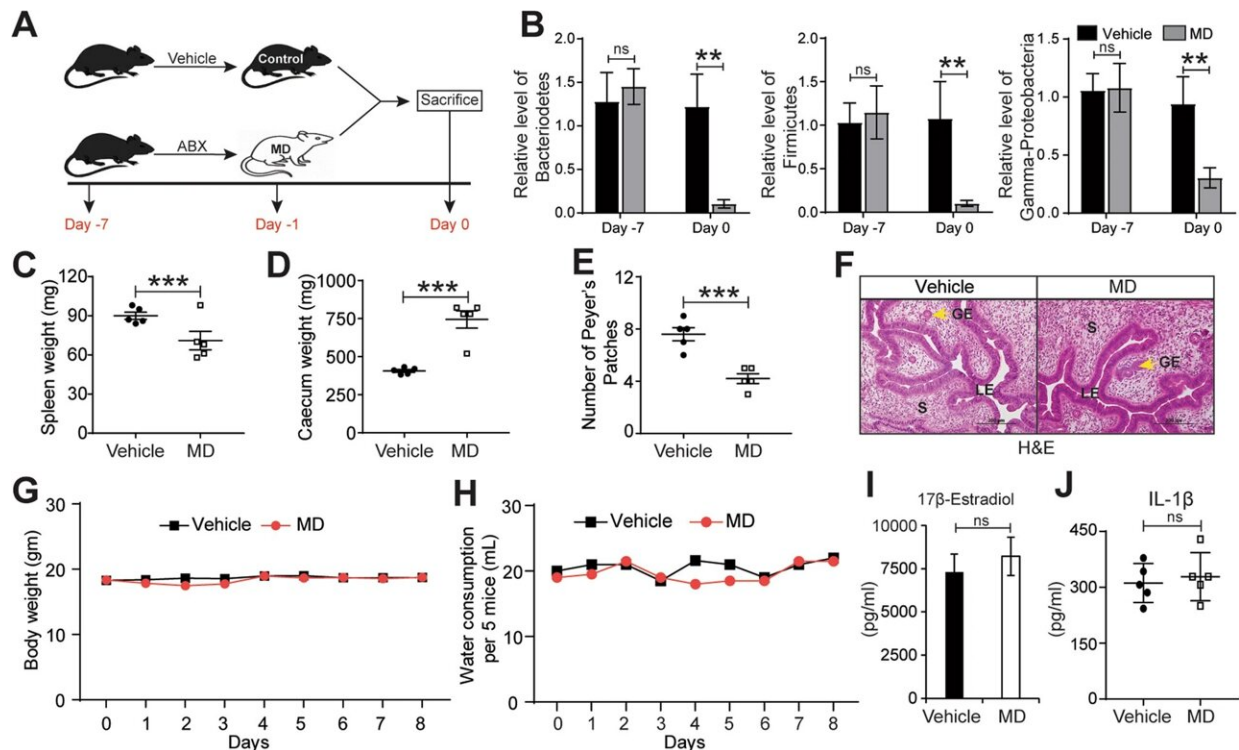


Gut microbiome and its products promote endometriosis in animal model

January 25 2023



Generation of microbiota-depleted mice using antibiotics. **A** Schematic of experimental timeline and procedures. **B** Quantification of relative abundances of Bacteroidetes, Firmicutes, and Gamma-proteobacteria in feces from vehicle and Microbiota-depleted (MD) mice. **C-D** Wet weights of **C** spleen and **D** caecum in indicated treatment groups at a sacrifice. **E** The number of Peyer's patches from indicated treatment groups. **F** Representative images of Hematoxylin and Eosin-stained uterine cross-sections from the indicated treatment groups. LE, Luminal Epithelium; GE, Glandular Epithelium; S, Stroma. Yellow arrows indicate the gland. **G-H** Mouse **G** body weight and **H** water consumption at indicated time points in vehicle and MD mice. **I-J** Relative

level of **I** 17β -Estradiol in serum and **J** IL- 1β in peritoneal fluid of indicated treatment groups. Data are presented as mean \pm SE ($n = 5$ mice per group). ****P**

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