

Supplementary Material

Impact of Chronic Tetracycline Exposure on Human Intestinal Microbiota in a Continuous Flow Bioreactor Model

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Table S1. Nominal levels of test compound added to the medium and measured by bioassay (mean level, $n = 3$).

Equivalent daily dose (mg/60 kg person/d)	Tetracycline (µg/ml)	
	Added	Recovered
0	none	not detected
0.15	0.015	0.015 ± 0.01
1.5 ^a	0.15	0.17 ± 0.13
15	1.5	1.4 ± 0.72
150	15	16 ± 1.23
1500	150	154 ± 9.54

1.5^a: the ADI was set by the U.S. FDA (FDA, 1996).

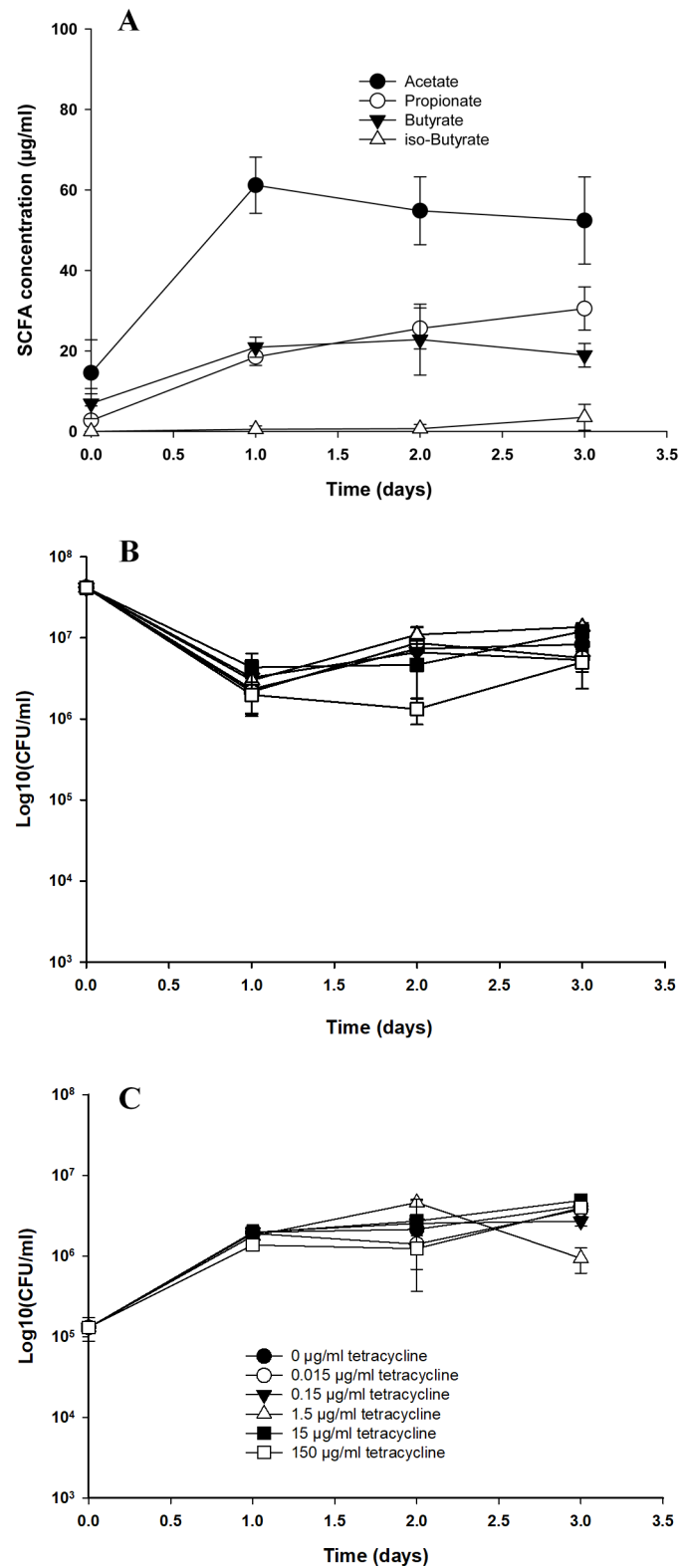


Figure S1. Plot of short chain fatty acid (SCFA) concentrations (A) and cell number on BHI (B) and CDC (C) for the six bioreactors over the course of the experiment.

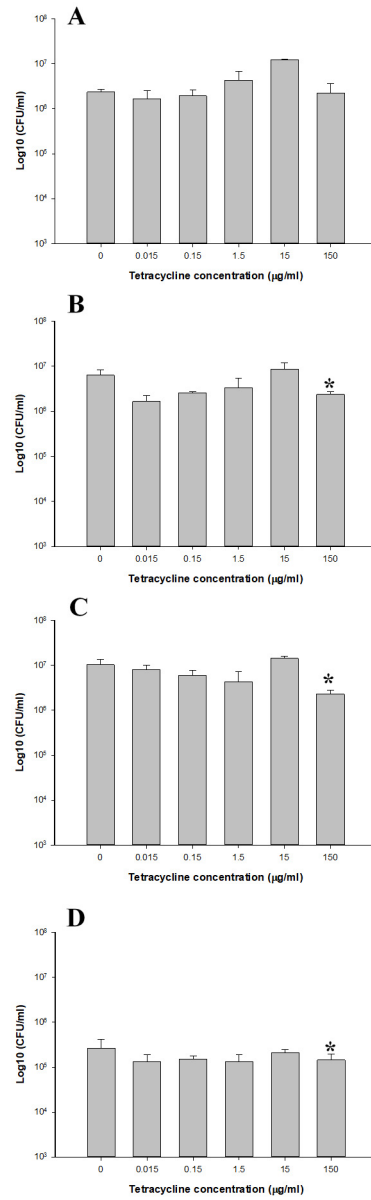


Figure S2. Comparison of *Fusobacterium*, *Lactobacillus*, *Eikenella corrodens* (betaproteobacteria), and *Bifidobacterium* viable counts on FSA (A), LMRS (B), CBA (C), and BIFIDO (D) in controls (no treatment) and tetracycline-treated samples after 7 days. *Indicates statistically significant differences from control ($p < 0.05$).