

ND

HFD

HFD + CT

HFD + CTH

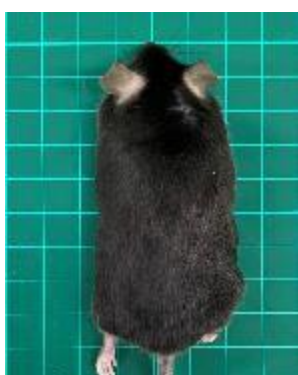


Figure S1. Representative images of the control group, the HFD group, HFD + CT group and the HFD + CTH group

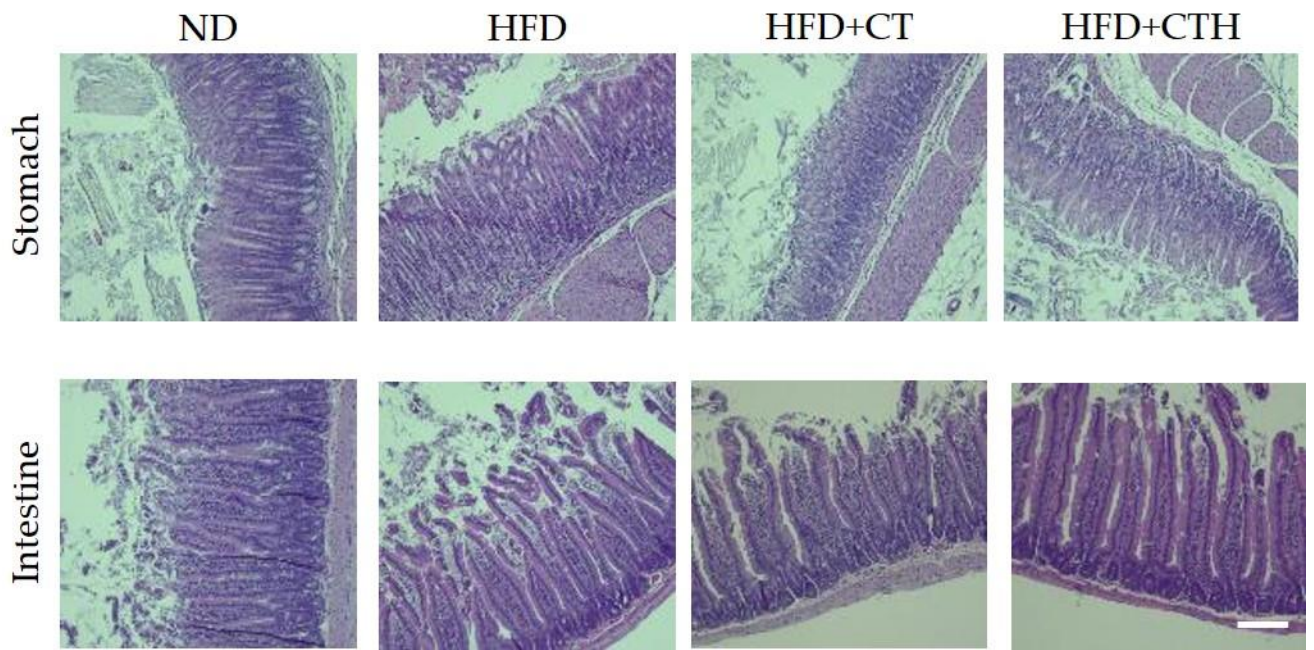


Figure S2. H&E staining of stomach and small intestine.
(scale bar = 100 μm)

	OD	Concentration (mM)
Chitosan-TGA (2 mg/mL)	1.6048	0.8583

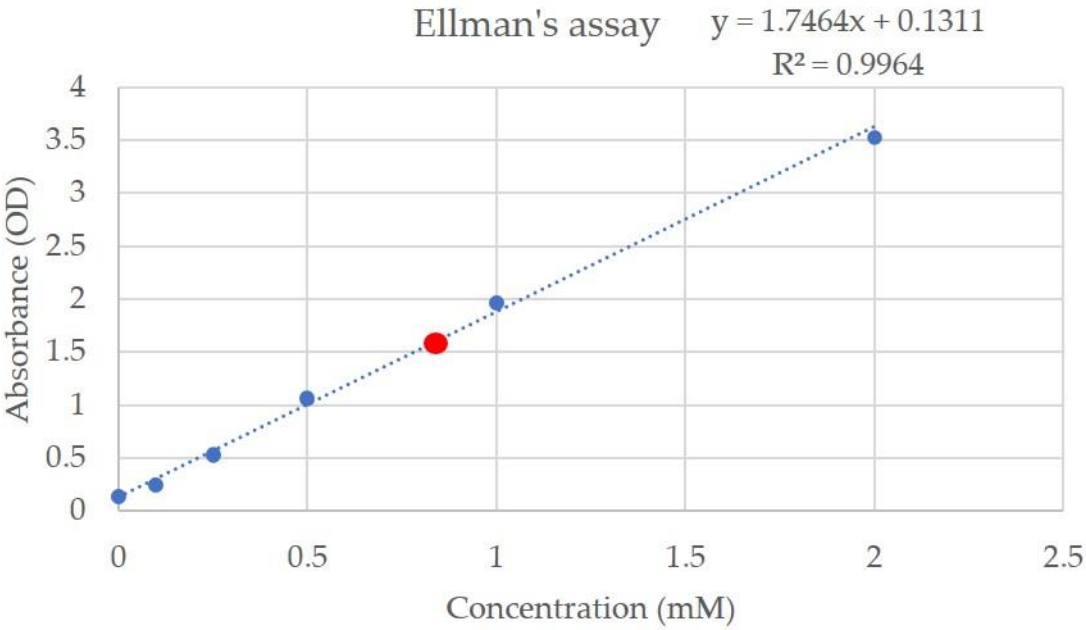


Figure S3. Ellman's assay of CT

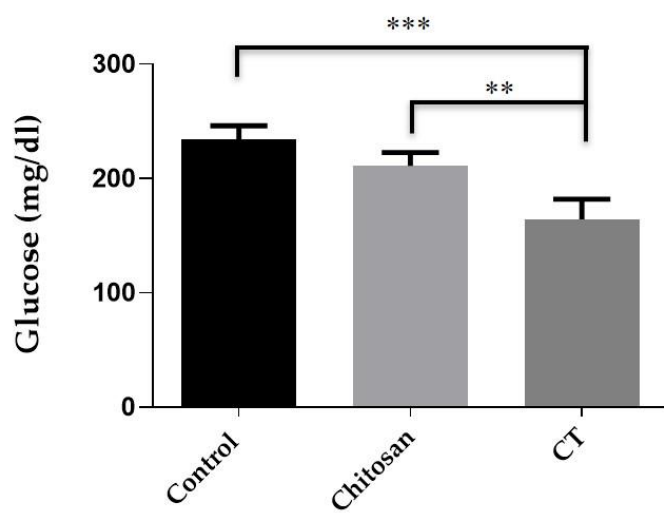


Figure S4. The glucose barrier functional test
n = 6 for each group, **P < 0.01, ***P < 0.005

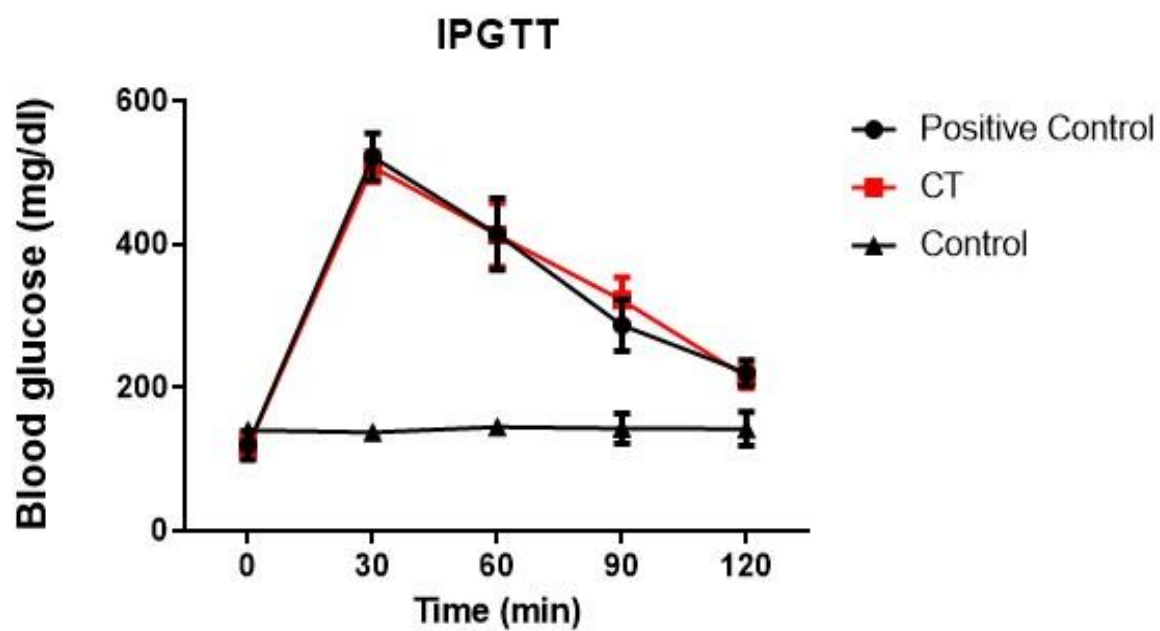


Figure S5. IPGTT
n = 3 for each group