

**Supplemental Table 1. Maternal body weight and serum biomarkers.** Values were expressed as mean  $\pm$  SEM, n=6. Different letters indicate significant differences ( $P < 0.05$ ). TC, total cholesterol; TG total triglyceride; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; LPS, lipopolysaccharide; TNF- $\alpha$ , tumor necrosis factor-alpha; IL-1 $\beta$ , interleukin-1 $\beta$ ; IL-6, interleukin-6.

	CON	CON+MFGM-PL	HFD	HFD+MFGM-PL
Body weight (g)	341.84 $\pm$ 10.24 <sup>b</sup>	345.17 $\pm$ 10.64 <sup>b</sup>	386.12 $\pm$ 14.44 <sup>a</sup>	346.76 $\pm$ 8.77 <sup>b</sup>
Serum insulin (ng/mL)	1.06 $\pm$ 0.05 <sup>c</sup>	1.00 $\pm$ 0.06 <sup>c</sup>	1.68 $\pm$ 0.03 <sup>a</sup>	1.39 $\pm$ 0.02 <sup>b</sup>
Serum TC (mg/dL)	1.65 $\pm$ 0.05 <sup>c</sup>	1.72 $\pm$ 0.12 <sup>c</sup>	3.65 $\pm$ 0.12 <sup>a</sup>	2.05 $\pm$ 0.09 <sup>b</sup>
Serum TG (mg/dL)	0.59 $\pm$ 0.06 <sup>b</sup>	0.54 $\pm$ 0.05 <sup>b</sup>	1.91 $\pm$ 0.36 <sup>a</sup>	0.62 $\pm$ 0.04 <sup>b</sup>
Serum LDL-C (mg/dL)	0.21 $\pm$ 0.01 <sup>b</sup>	0.24 $\pm$ 0.02 <sup>b</sup>	0.50 $\pm$ 0.12 <sup>a</sup>	0.28 $\pm$ 0.03 <sup>b</sup>
Serum HDL-C (mg/dL)	1.28 $\pm$ 0.06 <sup>a</sup>	1.22 $\pm$ 0.06 <sup>a</sup>	0.82 $\pm$ 0.09 <sup>b</sup>	1.25 $\pm$ 0.12 <sup>a</sup>
Serum LPS (EU/L)	334.24 $\pm$ 14.87 <sup>b</sup>	349.39 $\pm$ 16.20 <sup>b</sup>	541.31 $\pm$ 16.63 <sup>a</sup>	353.43 $\pm$ 7.64 <sup>b</sup>
Serum TNF- $\alpha$ (pg/mL)	74.43 $\pm$ 1.49 <sup>b</sup>	73.08 $\pm$ 5.91 <sup>b</sup>	90.91 $\pm$ 2.32 <sup>a</sup>	75.04 $\pm$ 3.54 <sup>b</sup>
Serum IL-1 $\beta$ (pg/mL)	23.55 $\pm$ 1.61 <sup>b</sup>	23.10 $\pm$ 1.09 <sup>b</sup>	41.19 $\pm$ 1.62 <sup>a</sup>	24.14 $\pm$ 0.77 <sup>b</sup>
Serum IL-6 (pg/mL)	83.36 $\pm$ 1.53 <sup>b</sup>	84.68 $\pm$ 3.26 <sup>b</sup>	106.98 $\pm$ 2.24 <sup>a</sup>	86.23 $\pm$ 3.76 <sup>b</sup>