

Table S2: Profile of immune cells in blood, spleen and lymph node of control and HFD groups (receiving standard chow or HFD, respectively) or colitis and colitis + HFD groups (receiving the respective diets and treated with 2 cycles of DSS [3%] to induce ulcerative colitis).

	Control	Colitis	HFD	HFD + Colitis
BLOOD				
Total number of cells	4138±205	5405±799	4059±339	4449±441.6
Neutrophils (%)	42.3±6.11	50.33±6.59	33.43±3.05	29.88±5.50
Eosinophils (%)	1.3±0.42	2.00±0.52	3.43±0.97	1.25±0.53
Monocytes (%)	1.3±0.61 ^a	1.67±0.33 ^a	2.80±0.20 ^{ab}	4.62±0.60 ^b
Basophils (%)	9.8±1.58	5.00±1.37	9.43±2.44	6.25±1.06
Lymphocytes (%)	38.2±3.82 ^a	41.00±5.59 ^a	50.71±2.88 ^a	62.86±3.34 ^b
CECAL LYMPH NODE				
T helper (%)	30.83±2.87 ^a	35.69±1.78 ^{ab}	39.85±3.11 ^b	27.33±1.59 ^a
Activate T helper cells (%)	3.79±0.36 ^{ab}	3.77±0.47 ^{ab}	4.49±0.43 ^a	2.93±0.07 ^b
Cytotoxic T cells (%)	19.22±2.62 ^a	18.03±1.76 ^a	27.57±2.89 ^b	15.05±0.53 ^a
T reg cells (%)	0.55±0.09 ^a	0.34±0.04 ^b	0.22±0.04 ^b	0.17±0.04 ^b
B cells (%)	33.36±1.78	40.87±5.55	26.63±6.06	41.45±3.49
Monocytes/macrophages (%)	57.72±1.87 ^a	62.14±4.92 ^a	25.00±6.83 ^b	60.42±4.11 ^a
Neutrophils (%)	3.10±0.45 ^a	7.33±1.16 ^b	4.05±0.44 ^a	10.76±1.73 ^c
SPLEEN				
T helper (%)	23.3±0.9	25.10±2.21	20.37±2.66	20.05±2.86
Cytotoxic T cells (%)	14.3±0.5 ^a	13.64±0.95	13.12±2.23	11.72±2.12
T reg cells (%)	0.6±0.9	0.59±0.19	0.48±0.07	1.17±0.24
B cells (%)	58.1±2.5	50.46±1.19	51.61±0.28	47.34±4.76
Monocytes/macrophages (%)	26.2±1.4	23.22±2.90	26.42±1.81	24.24±3.11
Activated macrophages (%)	11.2±1.6	11.74±1.41	11.20±1.01	11.69±2.08
Neutrophils (%)	4.91±0.54 ^a	7.81±2.65 ^a	7.81±1.57 ^a	26.46±6.04 ^b

The results are expressed as the mean ± SEM. ANOVA + Newman-Keuls post-test. p<0.05.