Supplementary Figure S1. Lactic acid increased VEGFA gene expression in macrophages, not in ARPE-19 and HUVEC cells. A-C, Time course gene expressions of VEGFA upon lactic acid treatment in THP-1 macrophages (A), ARPE-19 (B), and HUVEC (C). Determined by qPCR. Bars indicate means ± SEM. *p < 0.05, **p < 0.01, ***p < 0.001.
Supplementary Figure S2. Lactic acid enhances VEGF expression in THP-1 macrophages. A-B, FACS analysis of PMA-differentiated THP-1 macrophages following stimulation of 20 mM lactic acid for 18 h was conducted. Representative histogram (A) and MFI values (B) are shown (n = 3 per group). C-D, Representative images of immunofluorescence staining of DAPI (blue), CD68 (green), and VEGF (red) in THP-1 macrophages following 20 mM lactic acid treatment (C) and MFI values (D) are shown (n = 3 per group). Scale bar = 50 μm. Bars indicate means ± SEM. *p < 0.05