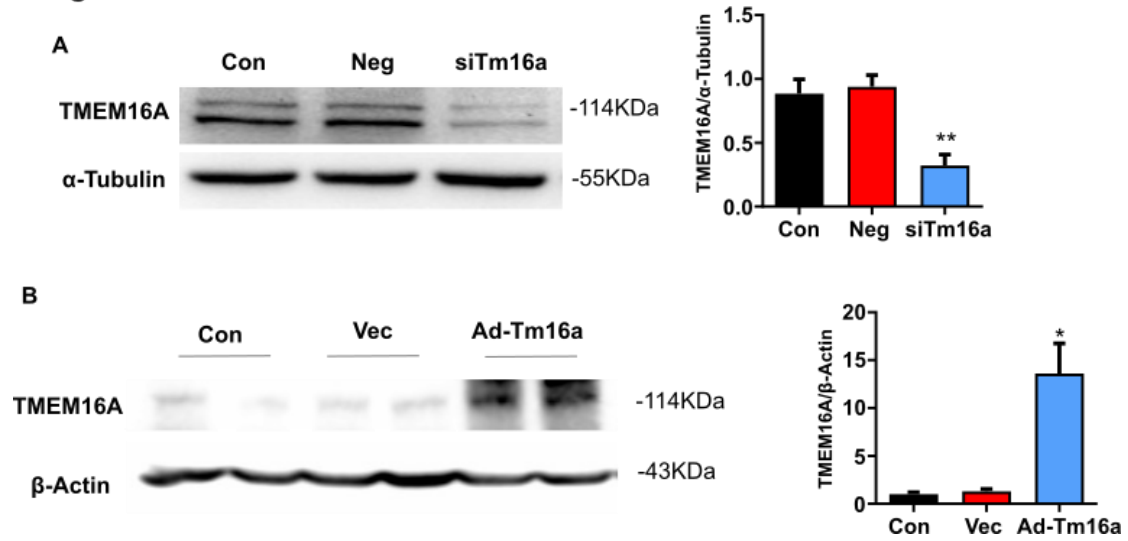
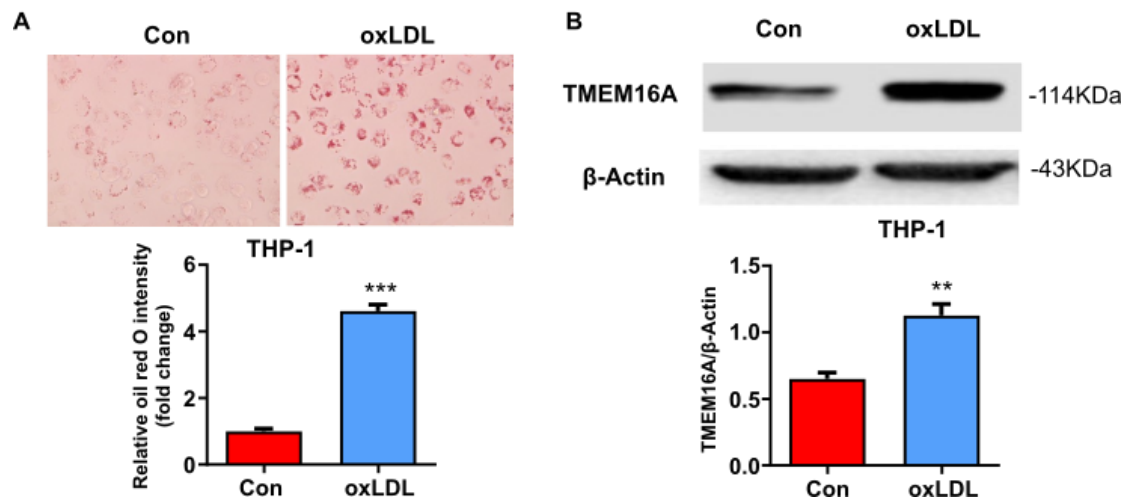


Figure S1



Supplementary Figure S1. Silence and overexpression efficiency of TMEM16A in macrophages were detected by western blot. **A** – RAW264.7 cells were transfected by TMEM16A siRNA (siRNA) and negative siRNA (Neg) with 40nM concentration for 48 h ($n = 4$, ** $p < 0.01$ vs. Neg). **B** – RAW264.7 cells were transfected by TMEM16A or vector (Vec) with 100 MOI concentration for 48 h ($n = 4$, * $p < 0.05$ vs Vec)

Figure S2



Supplementary Figure S2. OxLDL induces the foam cell formation and the expression of TMEM16A in THP-1 macrophages. THP-1 cells were treated with or without 80 μ g/ml oxLDL for 24 h. **A** – then were stained with 0.3% oil red O. The images for foam cell formation were pictured under microscope (400X) ($n = 3$, *** $p < 0.001$ vs Con). **B** – Expression of TMEM16A protein during the process of foam cells formation ($n = 3$, ** $p < 0.01$ vs. Con)