



Supplementary Figure 1. S1P induces BMMs polarized toward M1 type *in vitro*. The mRNA expression of M1 markers (TNF- α and IL-6), and M2 markers (Arginase-1, CD206 and CD163) in BMMs treated with non-serum-starved, serum-starved or 1 μ mol/L S1P for 2 hours after serum-starvation. Data are presented as mean \pm SEM; n=6 per group; * P<0.05 compared with serum-starved group.