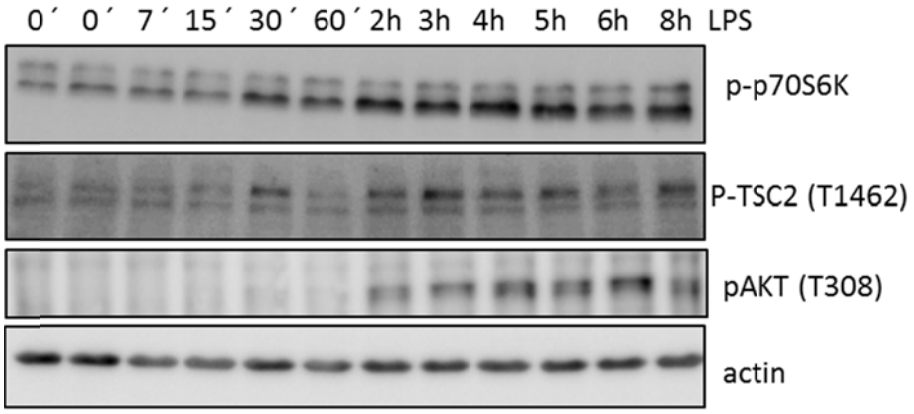
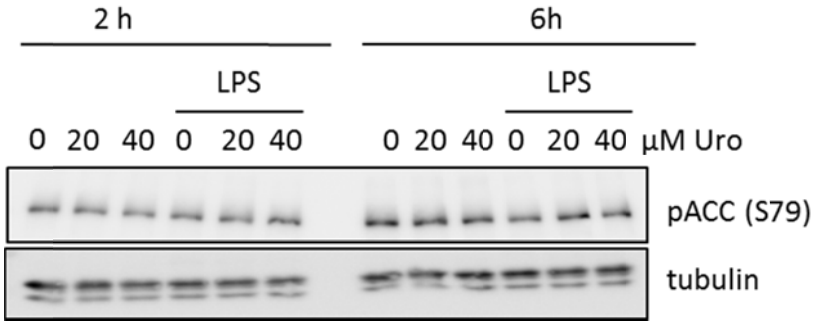
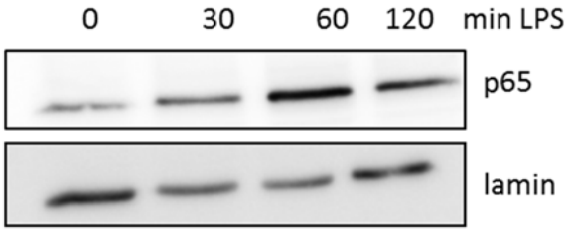
Supplemental Figures



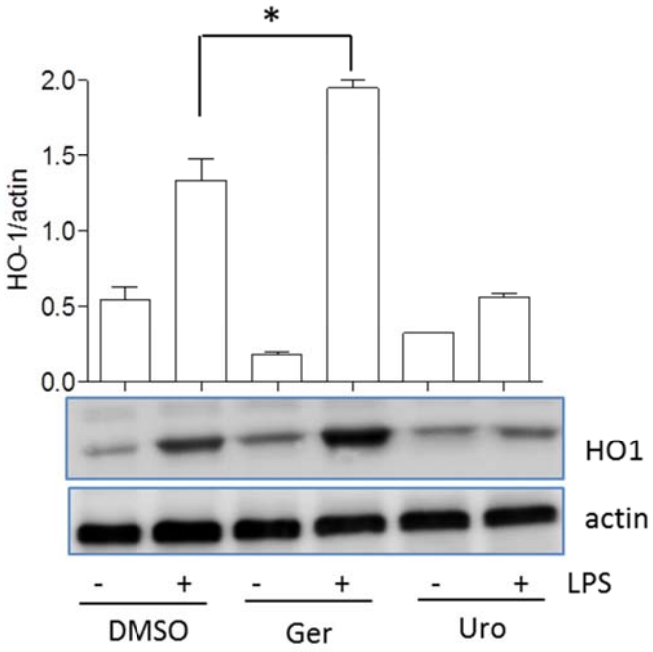
Supplemental Figure 1: **Time-dependent activation of the mTOR signaling pathway upon LPS stimulation**. J774.1 cells were treated with LPS (100 ng/mL) for the indicated periods of time. Then total cell lysates were subjected to western blot analysis for phospho–p70S6K (Ser389), phospho-TSC2 (Thr1462) and phospho-AKT (Thr308) and actin as loading control.



Supplemental Figure 2: **Influence of urolithin A on AMPK activity in macrophages**. Murine macrophages were treated with 20 and 40 µM urolithin A (Uro) in the presence and absence of LPS for 2 and 6 hours. Cell lysates were prepared and subjected to western blot analysis for phospho-ACC (Ser79) and actin. Representative blots from two independent experiments with consistent results are depicted.



Supplemental Figure 3: **Time-dependent nuclear translocation of p65 to the nucleus upon LPS stimulation**. J774.1 cells were treated with LPS (100 ng/mL) for 30, 60 and 120 minutes. Then nuclear protein was isolated and subjected to western blot analysis for p65 and lamin B.



Supplemental Figure 4: **Influence of geraniin and urolithin A on HO-1 expression in LPS –stimulated macrophages**. J774.1 cells were treated with DMSO, geraniin (Ger, 40 µM) or urolithin A (Uro, 40 µM) and LPS (100 ng/mL) for 24 hours. Then total cell lysates were extracted and subjected to western blot analysis for HO-1 and actin. Representative blots and compiled densitometric data are depicted. (n=3, *, $p<0.05$)