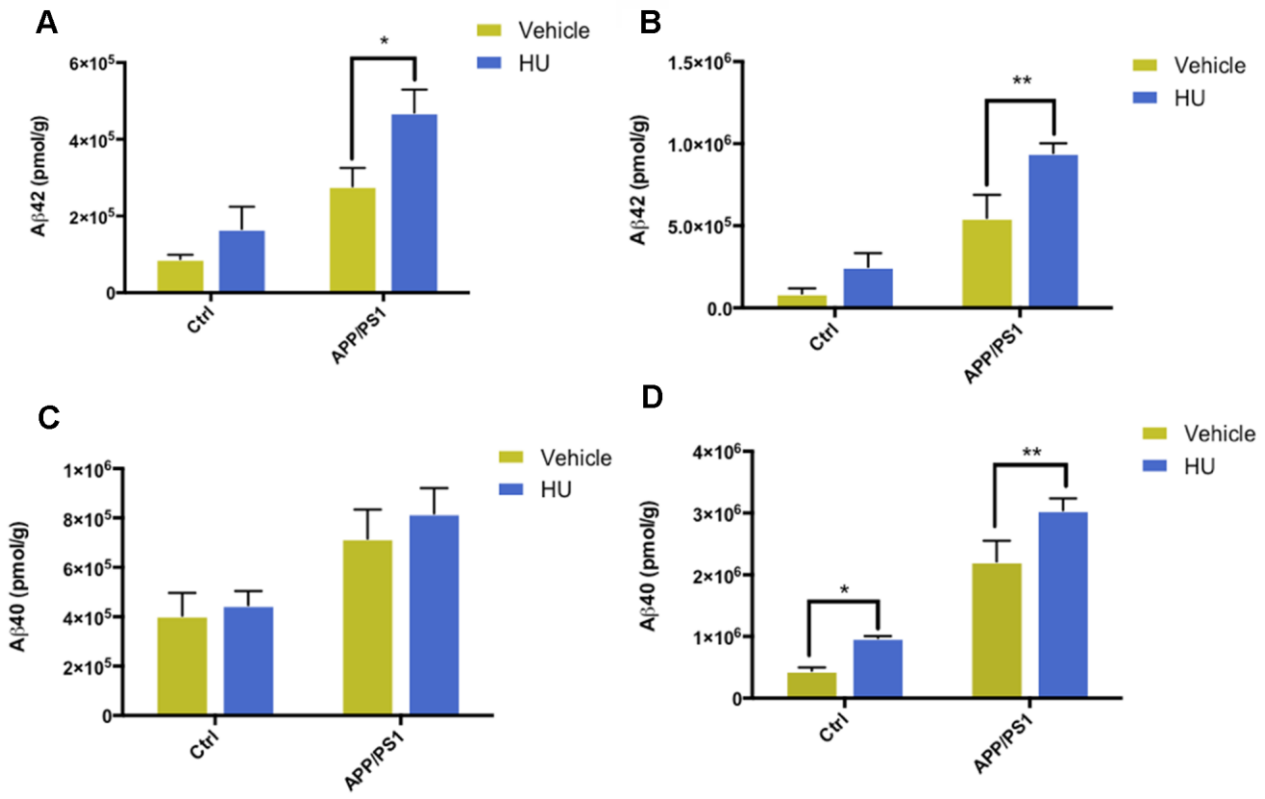
SUPPLEMENTARY FIGURE



Supplementary Figure 1. Membrane aging increased mRNA levels of Aβ1-40 and Aβ1-42 *in vivo*. The results of ELISA demonstrated that Aβ42 levels increased in the cortex of HU-treated APP/PS1 mice ($P < 0.05$) (**A**). The same trend with more significant change was found in the hippocampus of HU-treated APP/PS1 mice ($P < 0.01$) (**B**). Meanwhile, the levels of Aβ40 hardly changed in the mouse cortex after HU administration (**C**). However, considerably increased levels of Aβ40 were determined after HU treatment in both APP/PS1 and wild-type mice ($P < 0.05$ and $P < 0.01$) (**D**). All the data are expressed as mean ± SD from three independent experiments ($N = 3$). $^{*}P < 0.05$, $^{**}P < 0.01$. One-way ANOVA was used to determine the statistical significance of the differences.