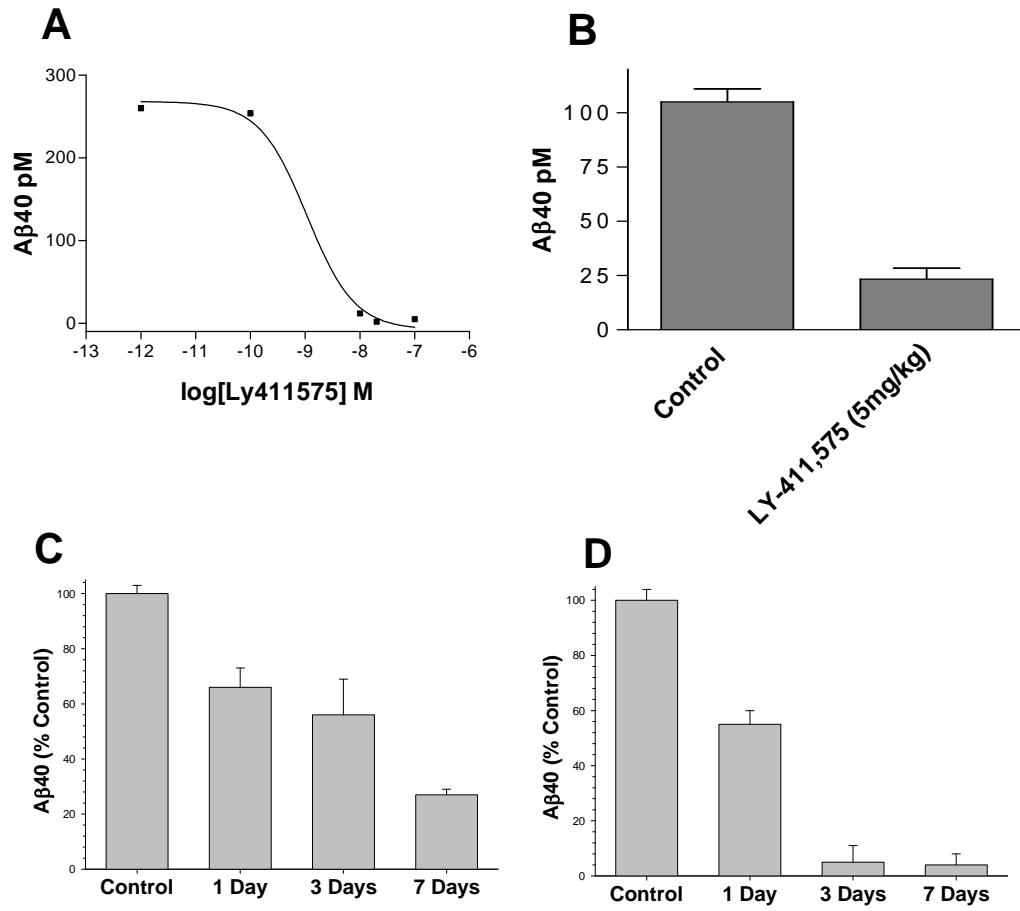


Supplementary Figure 1



Supplementary Figure 1 Legend.

A. Wild type APP overexpressing CHO cells were treated with indicated concentrations of LY-411,575 overnight. Conditioned media were then assayed for secreted A β 40 by sandwich ELISA.

B. Acute LY-411,575 treatment reduces A β 40 levels in brains of mice. Tg2576 mice (3 month old) were injected with LY-411,575 (5 mg/kg) intraperitoneally. Mice were sacrificed 6 hrs later and brain (2% SDS solubilized) A β 40 levels were measured ELISA. ($n=3$ mice/group)

C, D. Tg2576 mice were dosed orally (suspended in Kool-Aid) with LY-411,575 (10 mg/kg) for indicated times and brain (2% SDS solubilized) A β 40 levels (**C**) and plasma A β 40 levels (**D**) were measured by ELISA ($n=3$ mice/group).