

**(A)**

**(B)**

**Figure S2.** ESC counteracts the early mitochondrial dysfunction induced by OAβ1-42 in SH-SY5Y cells. Cells were incubated with ESC [20 µM] and OAβ1-42 [10 µM] for 4 hours. At the end of incubation, extracellular Tween 20-insoluble MTT (TI-MTT) (A) and intracellular Tween 20-soluble MTT (TS-MTT) (B) were measured by using MTT formazan exocytosis assay as described in the materials and methods section. The levels of TS- and TI-MTT are expressed as percentages with control (untreated cells) set at 100 %. Data are reported as mean ± SD of at least three independent experiments (§§§p<0.001 versus untreated cells; \*\*\*p<0.001 versus cells treated with OAβ1-42 at one-way ANOVA with Bonferroni post hoc test).