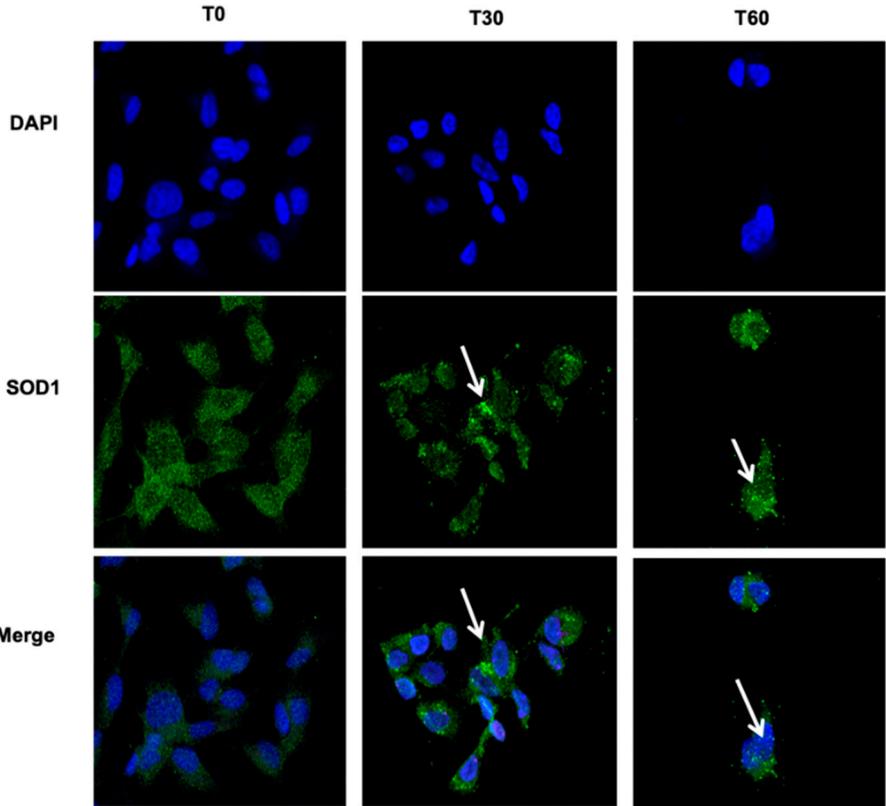


Supplementary Figure



**Figure S1.** Aggregation of SOD1 in SH-SY5Y cells treated with H<sub>2</sub>O<sub>2</sub>. Confocal analysis of SOD1 localization in SH-SY5Y treated cells. After 30 and 60 min of treatment with H<sub>2</sub>O<sub>2</sub> SOD1 shows a relocalization also in cell nucleus, especially after 60 min. It is evident the presence of two different populations: one with SOD1 nuclear distribution and one with the formation of SOD1 positive aggregates (with the arrows) which shows lower concentration of nuclear SOD1.