

Figure S1. Cell viability after treatments with 25 μ g/mL of EGb, 75 μ M of H₂O₂ or a combination of them. In EGb + H₂O₂ (1) cells were treated for 24 h with EGb and then 24 h with H₂O₂. In EGb + H₂O₂ (2) cells were treated with EGb and H₂O₂ concurrent for 24 h. In EGb + H₂O₂ (3) cells were treated for 24 h with H₂O₂ and then with EGb for additional 24 h. The bars represent \pm the average \pm SD of independent experiments ($n = 3$). Statistically significant difference compared to control cells: ** $p \leq 0.01$, *** $p \leq 0.005$, **** $p \leq 0.001$. Cells treated with DMSO were used as control.

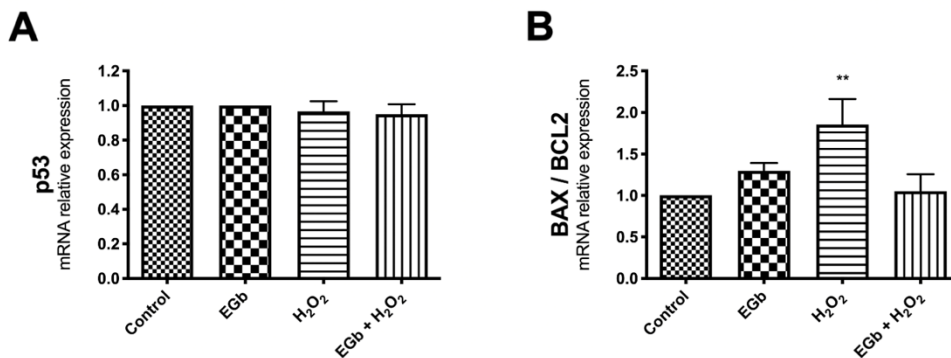


Figure S2. **q-PCR analysis.** Quantitative analysis of mRNA expression levels of p53, BAX and Bcl-2 in SK-N-BE cells after treatments. Histograms report the expression of p53 (**A**) and BAX/Bcl2 ratio (**B**). The bars represent \pm the average \pm SD of independent experiments ($n = 3$). Statistically significant difference compared to control cells: ** $p \leq 0.01$. Cells treated with DMSO were used as control.