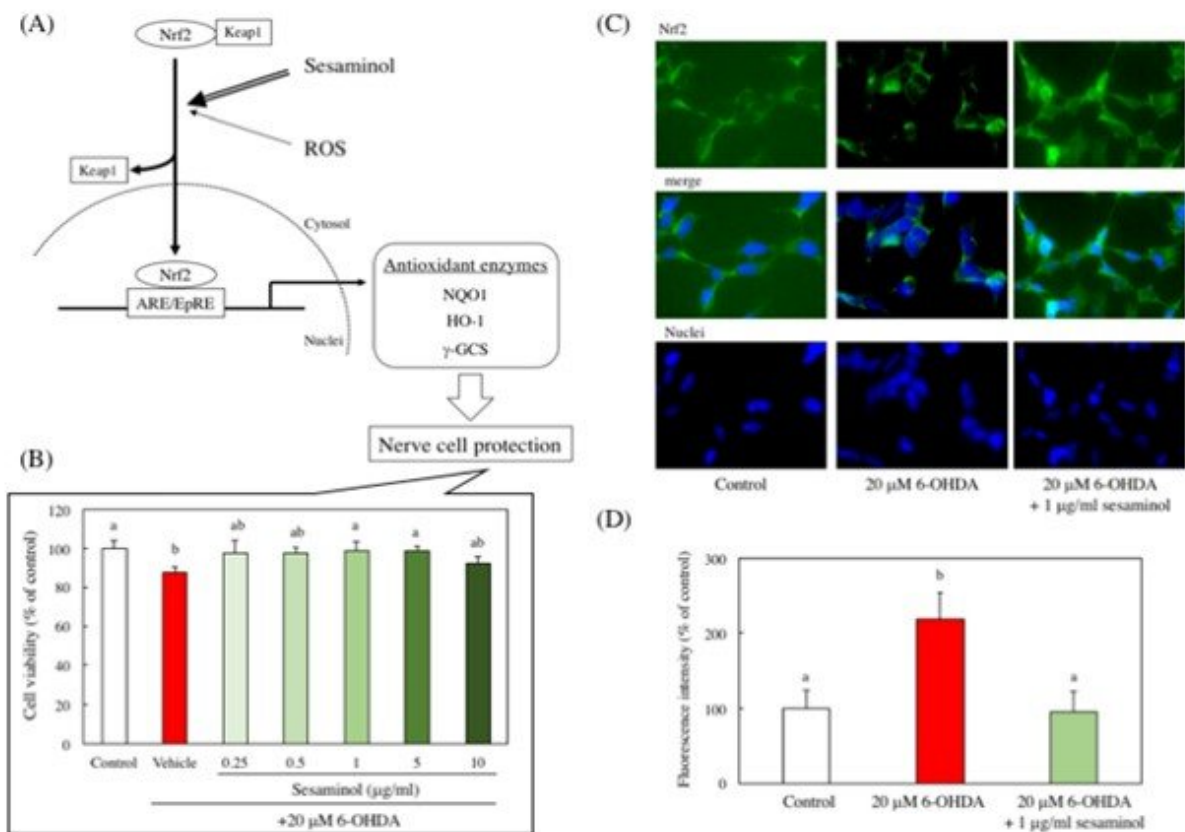


# Sesaminol prevents Parkinson's disease by activating a signaling pathway

March 3 2021



(A) The neuroprotection by sesaminol. ARE: antioxidant response element, EpRE: electrophile responsive element, ROS: reactive oxygen species, NQO1: NAD(P)H: quinone oxidoreductase, HO-1: hemo oxygenase-1,  $\gamma$ -GCS:  $\gamma$ -glutamylcysteine synthetase (B) Effects of sesaminol and 6-OHDA on the viability of SH-SY5Y cells. SH-SY5Y cells were incubated with 0.25~10  $\mu$ g/ml of sesaminol for 2 h, followed by treatment with 20  $\mu$ M 6-OHDA for 24 h. The cell viability was measured using the MTT assay. The results represent the

means  $\pm$  SD of 6 experiments. Values without a common letter are significantly different (p

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