

# Extracts and Scirpusin B from Recycled Seeds and Rinds of Passion Fruits (*Passiflora edulis* var. Tainung No. 1) Exhibit Improved Functions in Scopolamine-Induced Impaired Memory ICR Mice

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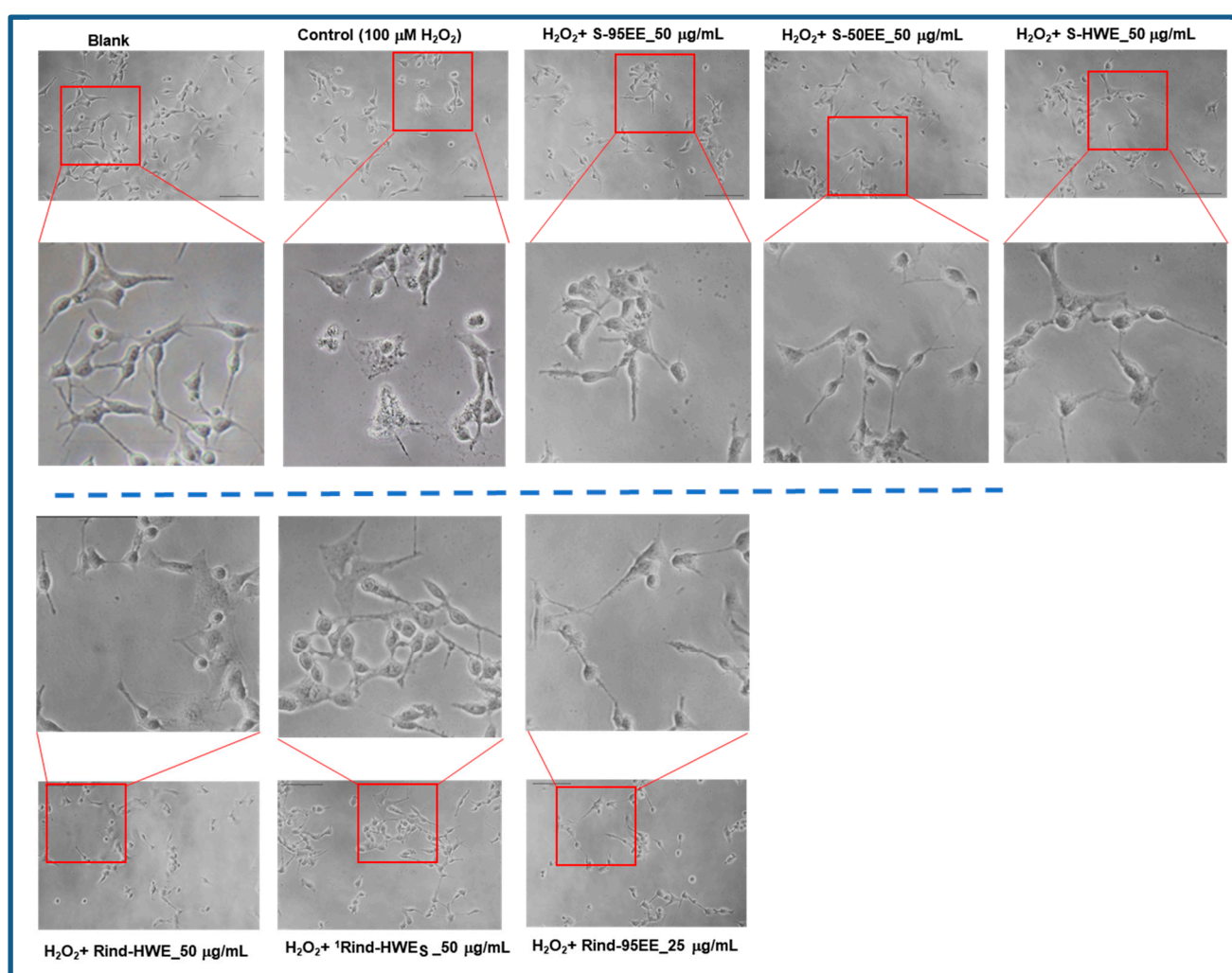
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**Figure S1.** Effects of seed extracts (50  $\mu\text{g/mL}$ ) and rind extracts (25 or 50  $\mu\text{g/mL}$ ) of passion fruits (*Passiflora edulis* var. Tainung No. 1) on cell morphologies of 100  $\mu\text{M}$  hydrogen peroxide-treated SH-SY5Y cells. The cells ( $1 \times 10^4$  cells/well) were seeded onto a 96-well microplate and cultured in a DMEM/F-12 medium containing 10% FBS for 24 h at 37  $^{\circ}\text{C}$  under a humidified atmosphere and 5%  $\text{CO}_2$ . The treated medium were removed, washed with PBS, and 100  $\mu\text{M}$  hydrogen peroxide in PBS were added to the medium for another 24 h culture. The cell morphologies were photographed (400-fold magnifications) and local zooms of images (red square frame) using an inverted microscope (ECLIPSE TS100, Nikon Instruments Inc., Tokyo, Japan). S, de-oiled seed powders; 95EE, 95% ethanol extracts; 50EE, 50% ethanol extracts; HWE, hot-water extracts.

<sup>1</sup>Ethanol was added to Rind-HWE solution to final 80%, the precipitates were removed, and the supernatants were concentrated under reduced pressures and then lyophilized as the Rind-HWE<sub>s</sub>.