Supplemental Materials:

Figure 1. Apoptosis induction by Adjudin was not detected in the early periods of treatment.

A549 cells (A) and PC3 cells (B) were treated for the indicated time periods with different concentrations of Adjudin. Apoptosis triggered by Adjudin was assayed by flow cytometric measurement of Annexin V and 7-AAD double staining. The quantification of the apoptotic cells was achieved by averaging the results of three independent flow cytometric analyses.

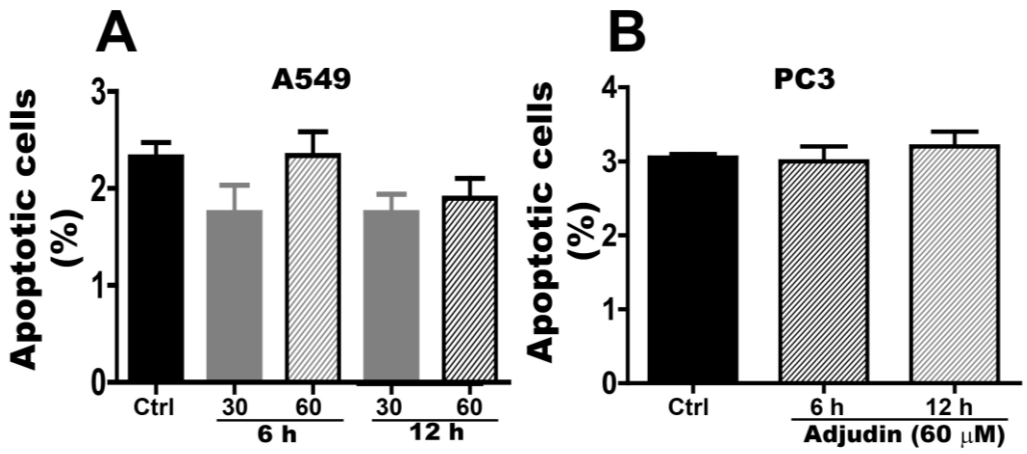

Figure 2. Rotenone induced the AIF nuclear translocation in PC-12 cells.

PC-12 cells were treated with 0.5 μM Rotenone for 24 h and stained for AIF. Green, AIF; Blue, nuclei (DAPI). The scale bar shown in (a) represents 15 μm. (j) The protein levels of AIF in the cytosol and nuclei after treatment with 0.5 μM Rotenone for 24 h were determined by Western blot using the extracts from the two isolated fractions of PC-12 cells. The β-actin and Lamin A/C were served as loading controls of the cytosolic and nuclear protein extracts.