Supplemental Digital Content

Figure 1.

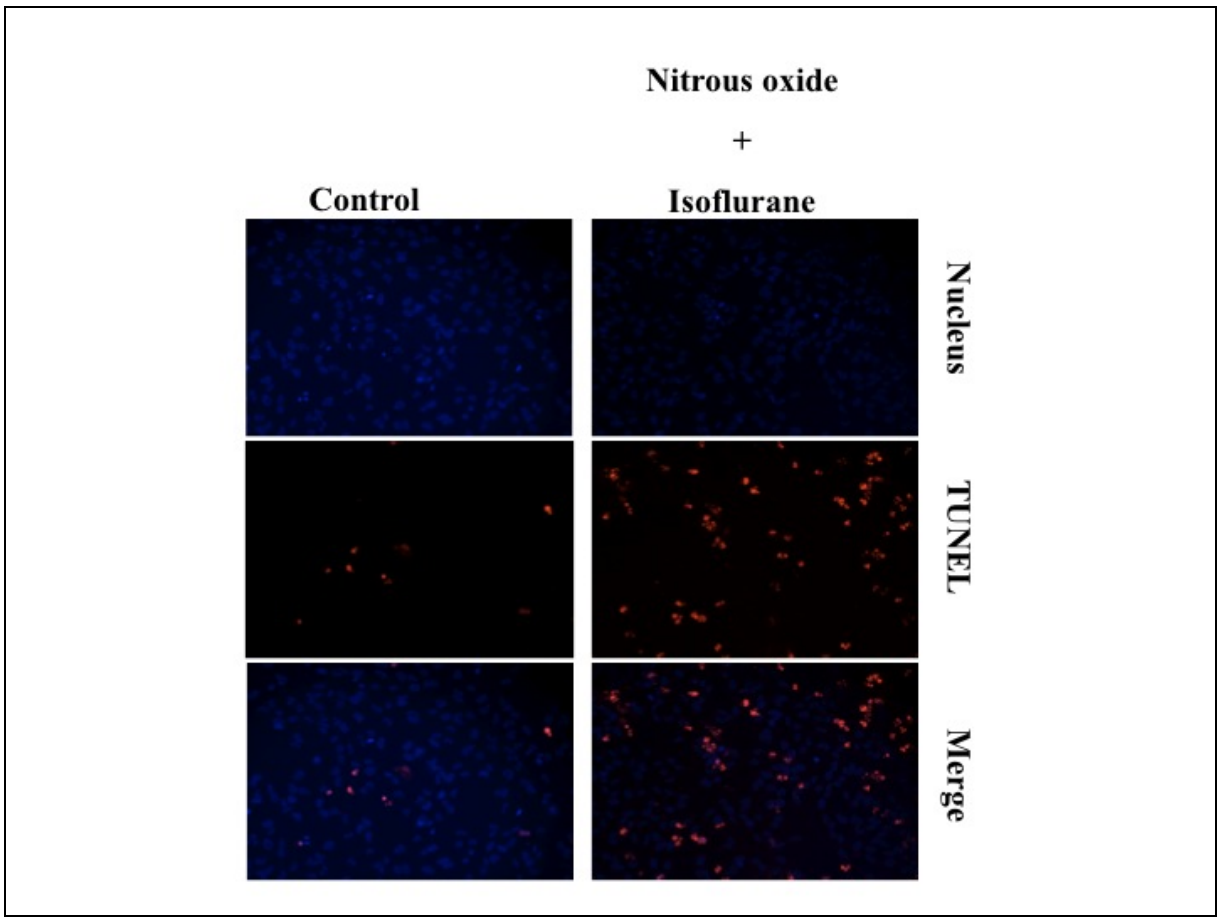

Figure 1. Treatment of nitrous oxide plus isoflurane induces apoptosis in H4-APP cells. Nitrous oxide plus isoflurane treatment increases TUNEL positive cells as compared to the control condition in H4-APP cells. TUNEL, Terminal deoxynucleotidyl transferase dUTP nick end labeling; APP, amyloid precursor protein.

Figure 2.

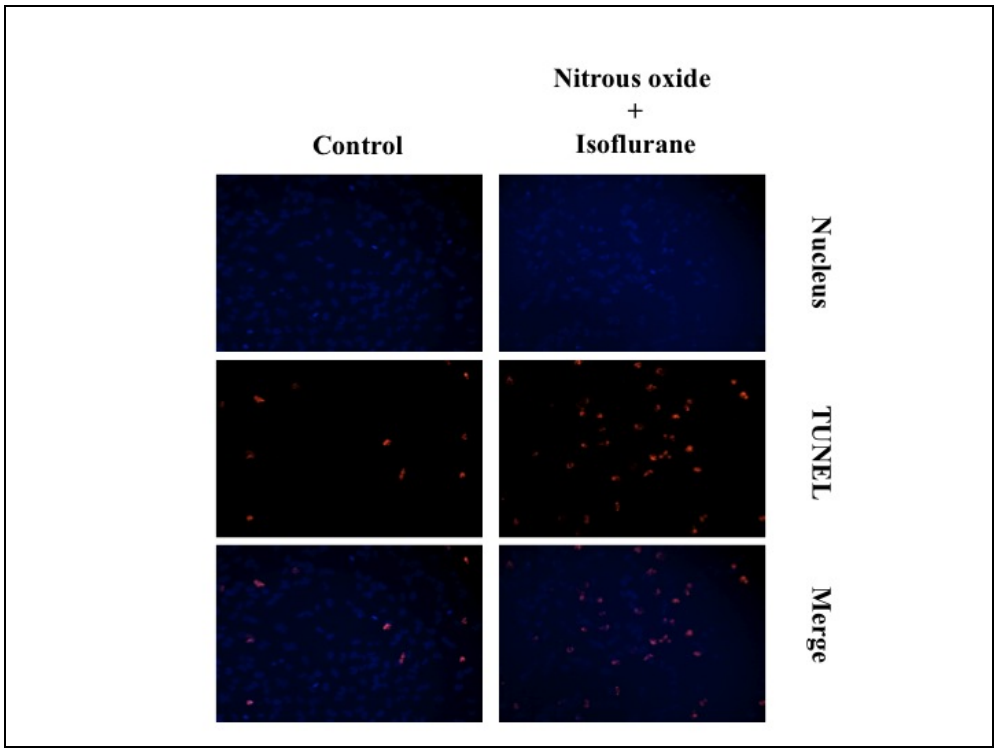

Figure 2. Treatment of nitrous oxide plus isoflurane induces apoptosis in H4 naive cells. Nitrous oxide plus isoflurane treatment increases TUNEL positive cells as compared to the control condition in H4 naive cells. TUNEL, Terminal deoxynucleotidyl transferase dUTP nick end labeling.

Figure 3.

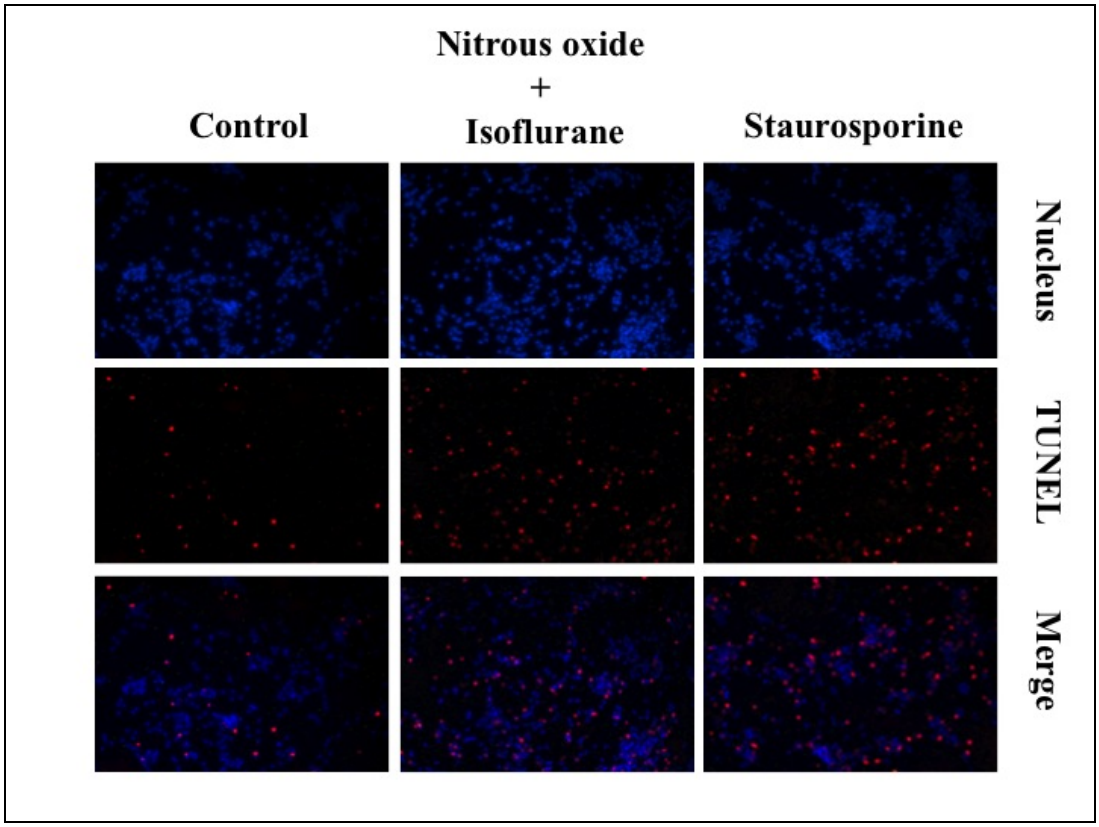

Figure 3. Treatment of nitrous oxide plus isoflurane induces apoptosis in primary neurons from naïve mice. Nitrous oxide plus isoflurane treatment increases TUNEL positive cells as compared to the control condition in primary neurons from naïve mice. As a positive control, staurosporine increases TUNEL positive cells as compared to the control condition in the primary neurons from naïve mice. TUNEL, Terminal deoxynucleotidyl transferase dUTP nick end labeling.