

Sildenafil enhances quantity of immature neurons and promotes functional recovery in the developing ischemic mouse brain

Supplemental Figure S1

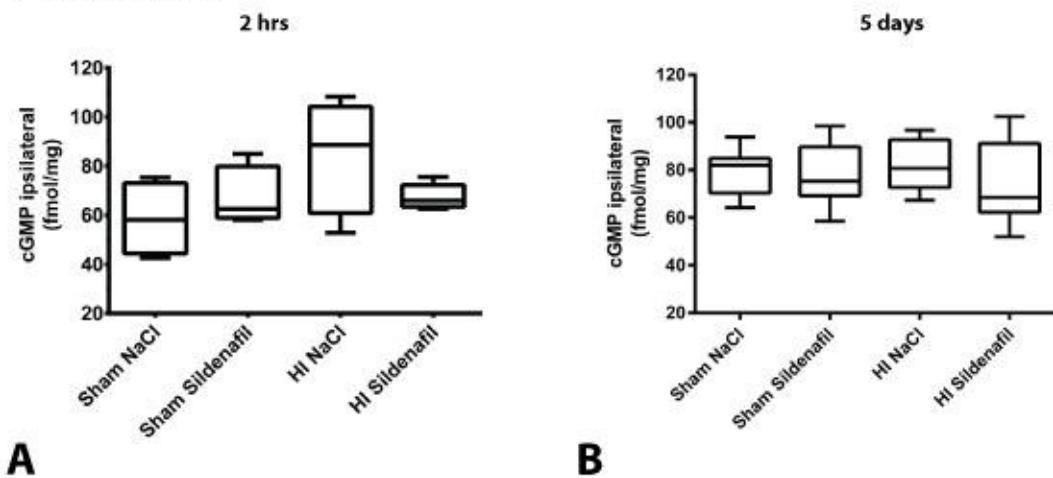


Figure 1: Untreated animals surviving for 2 hrs after HI (A) or until P14 (24 hrs after last sildenafil therapy, B) showed no significant modification of cerebral cGMP levels. (Results expressed as box plots including median values, the 25% and the 75% percentile, one-way ANOVA with Bonferroni's multiple-comparison test, n=4 per group).

Supplemental Figure S2

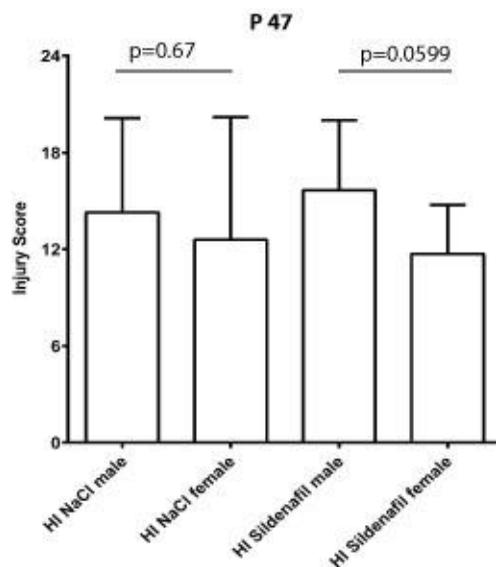


Figure 2: P9 mice subjected to HI administered either saline or sildenafil were analysed 38 days after HI to assess brain injury. No significant gender difference in injury severity was detected in vehicle treated HI animals. Injury scoring in sildenafil treated females was lower compared to males at P47, and it marginally missed statistical significance using unpaired student's test. (mean \pm SD, n=5-9 per group).