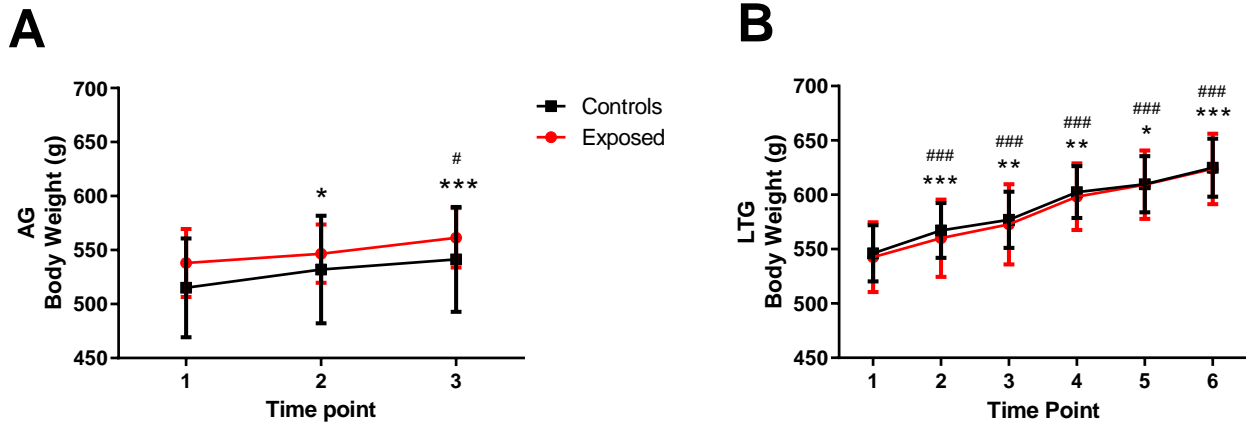


Anesthetic effects on the progression of Parkinson's disease in the rat DJ-1 model.

Daniel A. Xu, Timothy P. DeYoung, Nicholas P. Kondoleon, Roderic G. Eckenhoff, Maryellen F. Eckenhoff

Supplemental Figure S1



Supplemental Figure S1. Body weight. **A)** Acute group (AG) body weights were not significantly different between the control and isoflurane exposed groups ($p=0.4349$) (time x exposure) over the 3 time points (from 6-7 months of age) and there were no significant differences between the controls and exposed groups at any time point, 1,2 or 3 (adjusted p value, $p=0.6559$, $p=0.8792$, $p=0.7447$, respectively). Significant weight increases were detected within the controls between the 1st and 2nd time point (adjusted p value = 0.0300) and between the 1st time point and the 3rd time point (adjusted p value = 0.0009). * $p<0.05$, *** $p<0.001$. Significant weight increases were also found for the exposed group between the 1st and 3rd (adjusted p value = 0.0447) and 2nd and 3rd (adjusted p value = 0.0392) time points. # $p<0.05$. **B)** The long-term group (LTG) body weights were not significantly different between controls and exposed rats ($p=0.9390$) (time x exposure) and there were no significant difference between the controls and exposed groups at any time point (adjusted p value >0.9999 for all time points). Significant weight gain was found between each of the time points from 7-12 months of age (1vs2, 2vs3, 3vs4, 4vs5, 5vs6) within the control group (adjust p values, $p<0.0001$, $p=0.0029$, $p=0.0013$, $p=0.0170$, $p<0.0001$, respectively) (* $p<0.05$, * $p<0.01$, *** $p<0.001$) and the exposed group (adjust p values, $p=0.0003$, $p=0.0007$, $p=0.0008$, $p=0.0007$, $p=0.0006$, respectively) (### $p<0.001$). All data are presented as the mean with 95% CI and were analyzed using 2-way repeated measures ANOVA with Sidak's multiple comparison tests for controls vs isoflurane exposed at each time point and Tukey's multiple comparisons test within controls or exposed rats between each time point. Acute group $n=6$ for both controls and exposed; long-term group $n=18$ controls and