

Supporting information for:

Acylated but not des-acyl ghrelin is neuroprotective in an MPTP mouse model of Parkinson's Disease

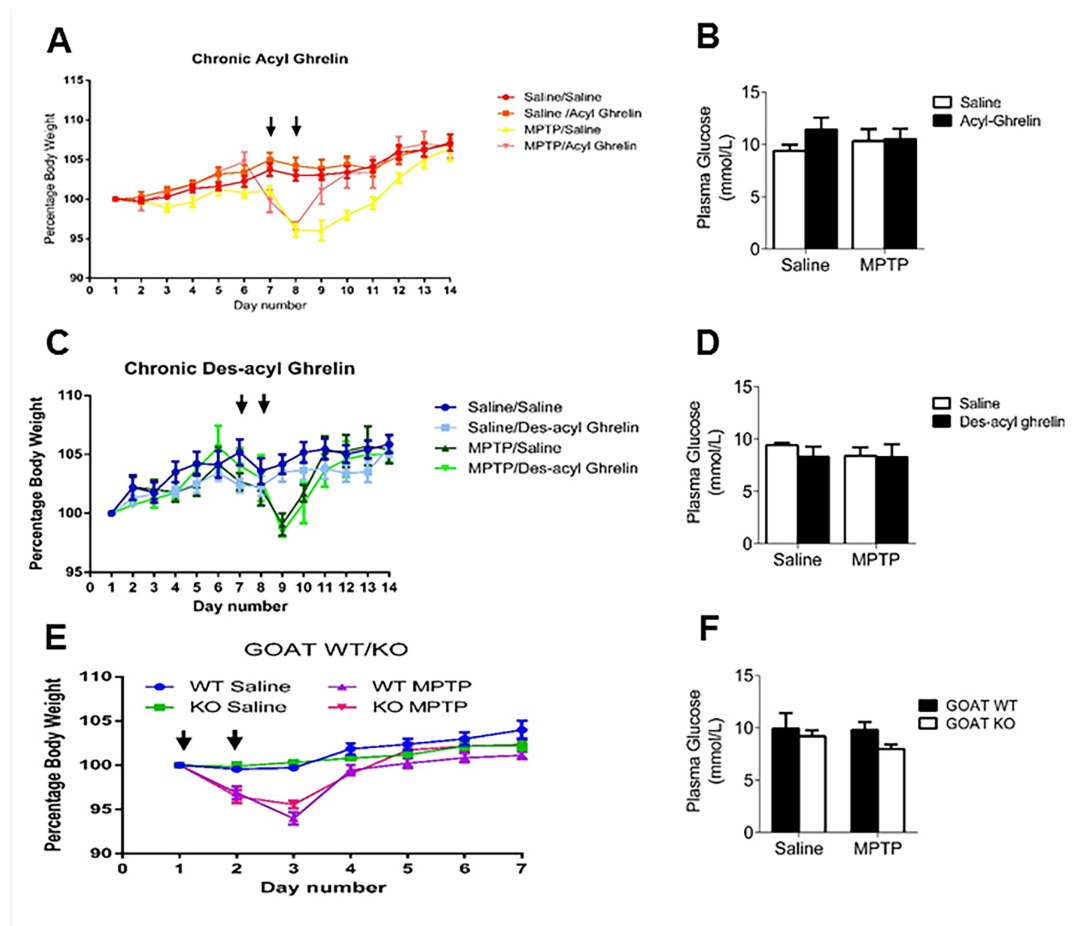
Jacqueline A Bayliss¹, Moyra Lemus¹, Vanessa V Santos¹, Minh Deo¹, John Elsworth², Zane B. Andrews¹

1. Department of Physiology, School of Biomedical and Psychological Sciences, Monash University, Clayton, Melbourne, Vic., 3800, Australia.

2. Department of Psychiatry, Yale University School of Medicine, New Haven, Connecticut 06520.

Results

Supplementary Figure 1



Supplementary Figure 1. Body weight and blood glucose graphs in Ghrelin KO mice reinstated with acylated or des-acylated ghrelin and GOAT WT/KO mice. **A & B**, Ghrelin KO mice chronically treated with acylated ghrelin did not significantly change body weight or blood glucose. **C & D**, Ghrelin KO mice chronically treated with des-acyl ghrelin did not significantly change body weight or blood glucose. **E & F**, There was no significant difference between GOAT WT and KO mice in terms of body weight or blood glucose measurements. Data are represented as mean \pm SEM (n=8-14, two-way ANOVA, $p < 0.05$).