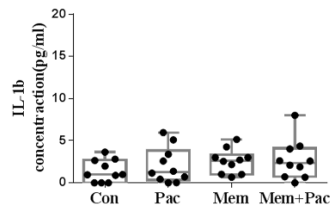


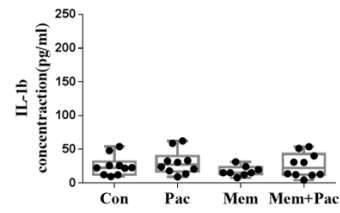
Supplementary Figure 1. Pretreatment regimen (Experiment 2). The serum expression of *IL-1 β* was increased in the paclitaxel group and memantine + paclitaxel group on Day 7. However, the data was all comparable between groups in the hippocampal tissue at 6 hours, Day 7 and Day 14.

* P<0.05; ** P<0.01; *** p<0.001; **** P<0.0001; N= 5-10 in each group

Day14; serum IL-1 β



Day14; hippocampal IL-1 β



Supplementary figure 2. Cotreatment regimen (Experiment 3). The serum and hippocampal expression of *IL-1 β* was comparable between groups on Day 14. N= 10 in each group