

**Figure S1. Inhibitory effects of GGD on PD model rat.** The writhing numbers (A) and the writhing latency (B) of rats in control (sham) group, PD model group, low-concentration (0.9 g/kg) GGD group, medium-concentration (1.8 g/kg) GGD group, and high-concentration (3.6 g/kg) GGD group. Data are presented as the means  $\pm$  SD. <sup>\*\*</sup>P<0.01, n=6.