Figure 1. Effects of pre-training icv injections of vehicle or CyA on inhibitory avoidance learning acquisition. The administration of vehicle (5 μl/mouse, icv) or different doses of CyA (0.5, 5, and 50 nM/ mouse) were done 5 min before the training. Each bar represents mean±SEM of mice per group. \*P-value <0.01 compared to the vehicle-vehicle control group, N=9.

Figure 2. Effects of post-training icv injections of vehicle or CyA on inhibitory avoidance learning consolidation. The administration of vehicle (5 μl/ mouse, icv) or different doses of CyA (0.5, 5, and 50 nM/ mouse) were done immediately after the training. Each bar represents mean±SEM of rats per group. \*\*\*P-value <0.001 compared to the vehicle-vehicle control group, N=9.

Figure 3. Effects of pre-test icv injections of vehicle or CyA on inhibitory avoidance learning retrieval . The administration of vehicle (5 μl/rat, mouse) or different doses of CyA (0.5, 5, and 50 nM/ mouse) were done 5 min before testing. Each bar represents mean±SEM of mice per group, N=9.

Figure 4. Effects of icv injections of vehicle or CyA on locomotion. The locomotion was performed on the second day in an open field after the completion of the memory testing, N=9.