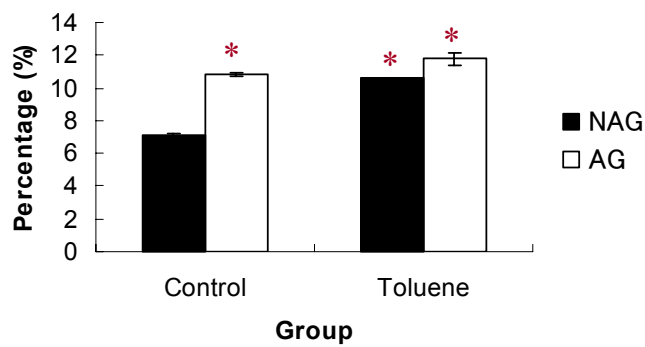
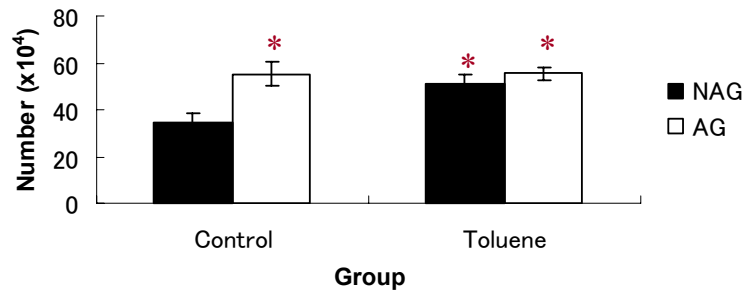


**Fig. 1.** The number of CRH-ir neurons in the paraventricular nucleus of hypothalamus of NAG and AG groups mice. Values are expressed as means  $\pm$  SEM. \* $p < 0.05$  vs. NAG-control, \*\* $p < 0.05$  vs. AG-control and # $p < 0.05$  vs. NAG-toluene.



**Fig. 2.** The percentage of ACTH-ir cells in the anterior pituitary gland of NAG and AG groups mice. Values are expressed as means  $\pm$  SEM. \* $p < 0.05$  vs. NAG-control.



**Fig. 3.** The numbers of ACTH-ir cells in the anterior pituitary gland of NAG and AG groups mice. Values are expressed as means  $\pm$  SEM. \* $p < 0.05$  vs. NAG-control.

**Fig. 4.** Quantitative RT-PCR analysis of expression of ACTH gene in the pituitary of NAG and AG groups mice

