

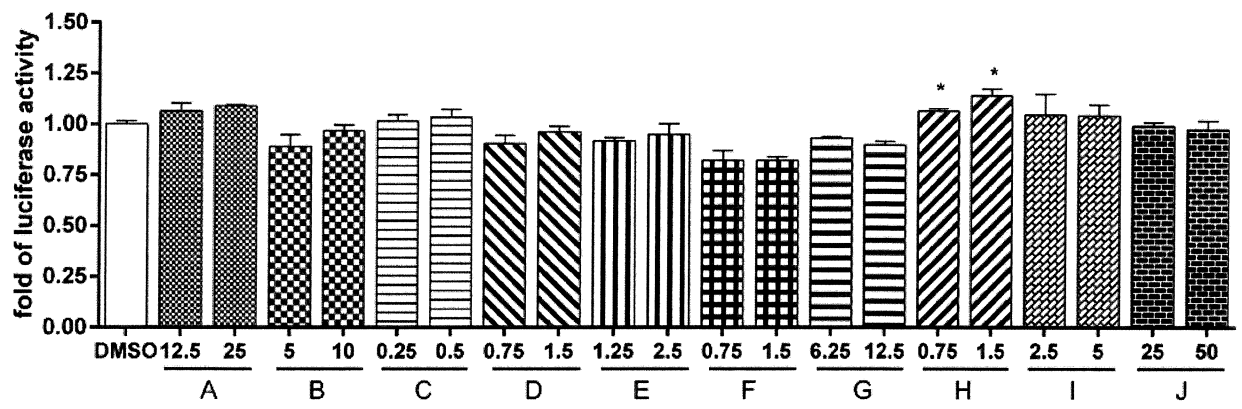


Fig. 1

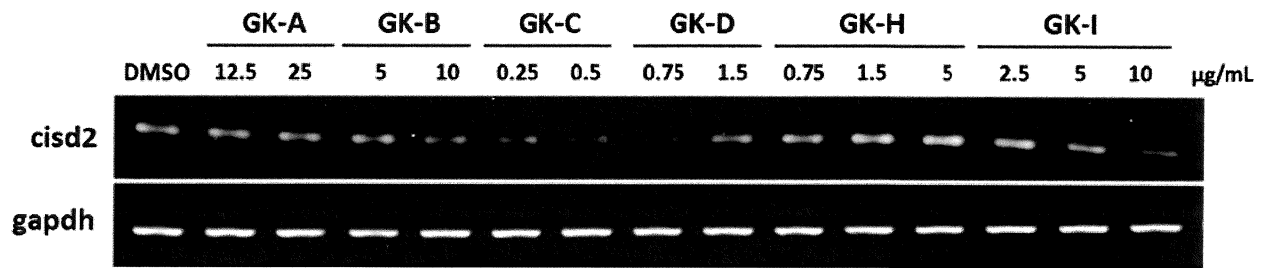


Fig.2

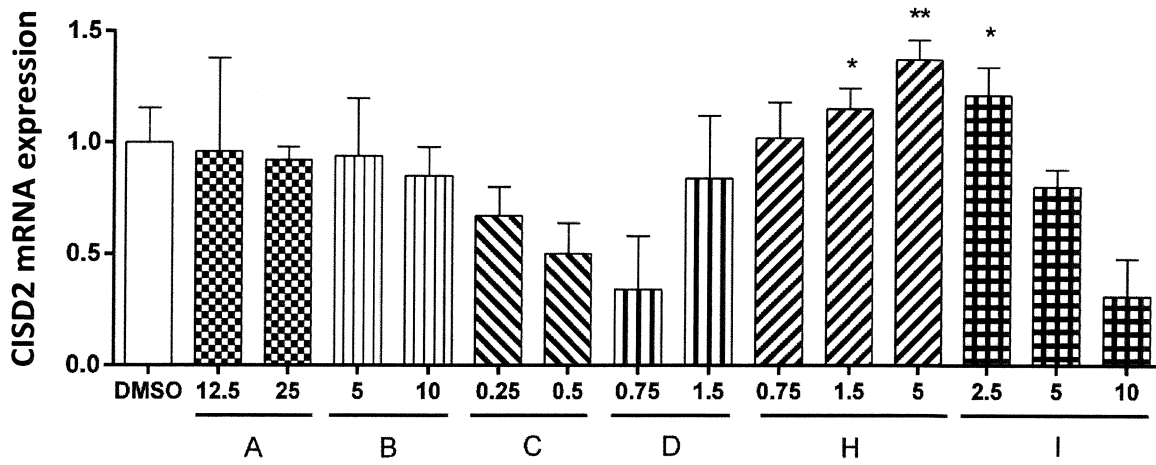


Fig.3

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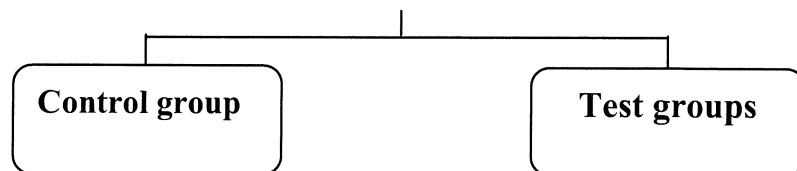
3-month old female and male SAMP8 mice (10 mice per group)



Ambient temperature $25\pm 2^{\circ}\text{C}$, humidity $65\pm 5\%$

Light/dark cycle: 19:00-07:00 (light), 07:00-19:00 (dark)

Tube-feeding samples once per day



Recording of mice's food & water intake and weight during the experiment



Week 12: aging score measurement

Single-trial passive avoidance test



Week 13: Forearm grip strength test and active shuttle avoidance test



Sacrifice of animals

Fig.4

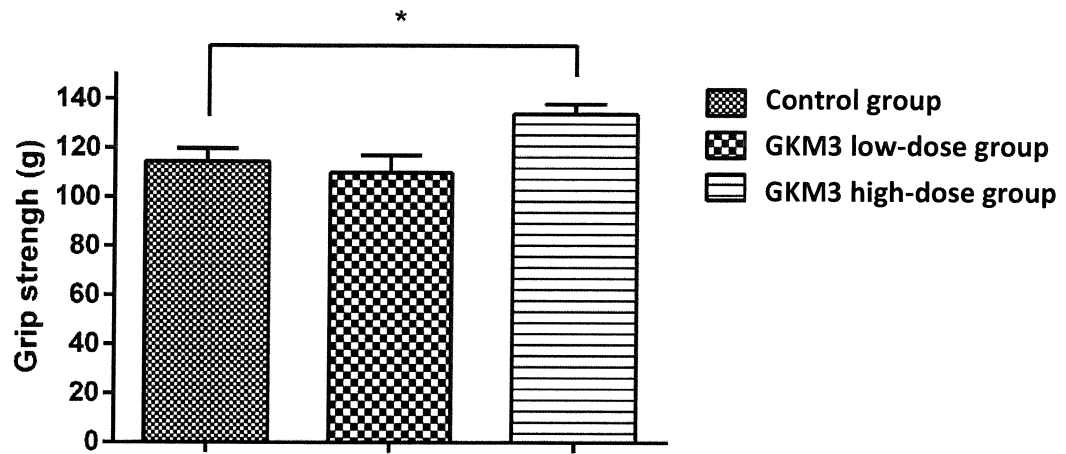


Fig.5

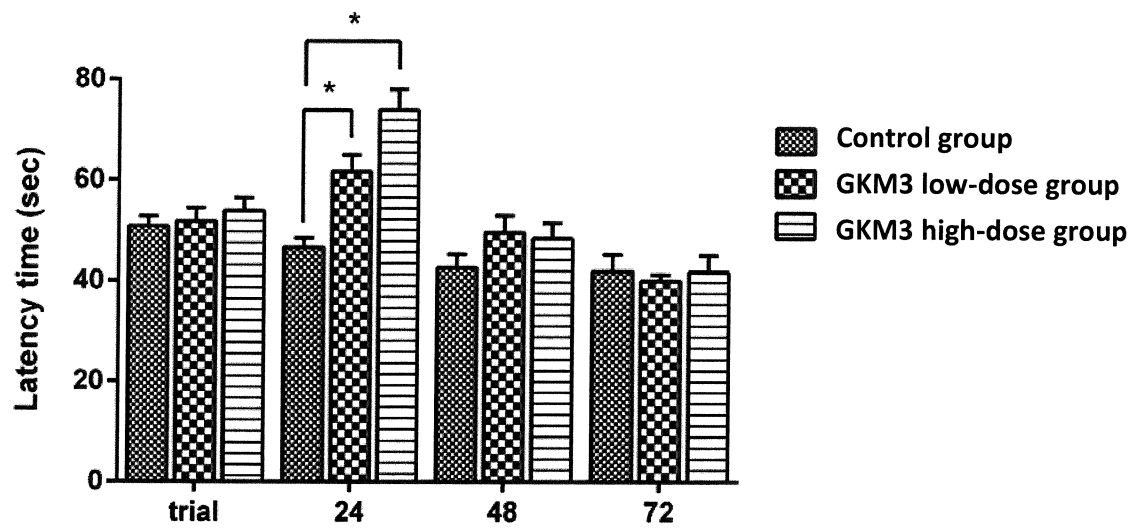


Fig.6

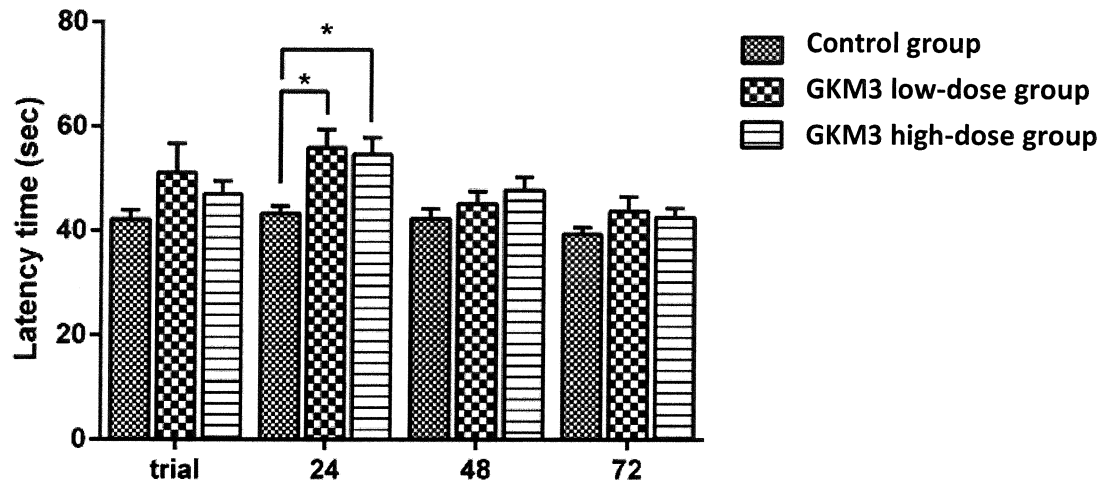


Fig.7

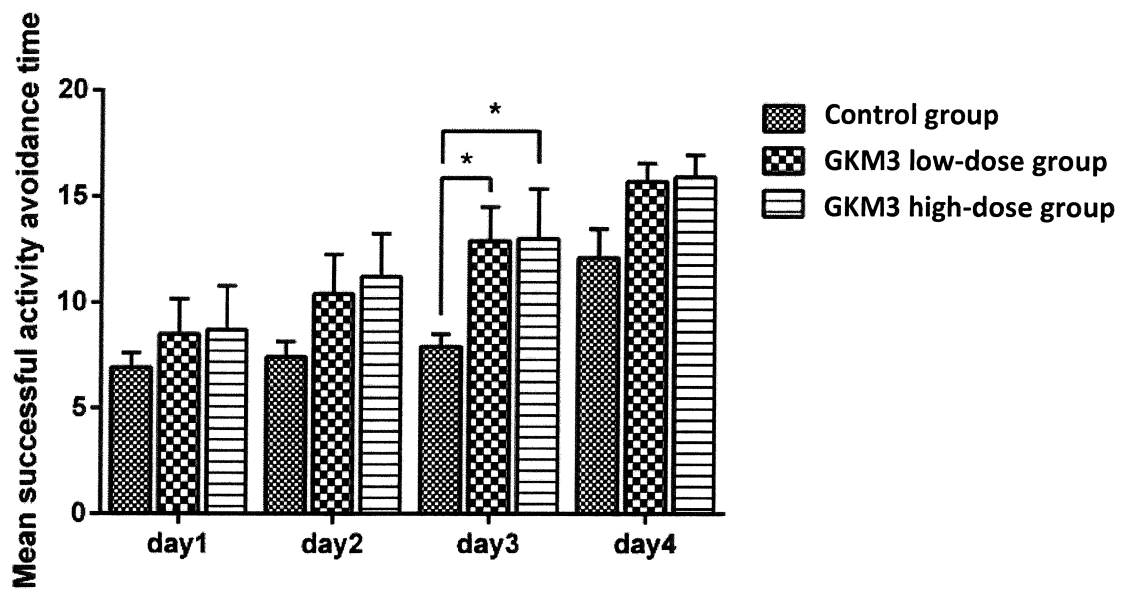


Fig.8

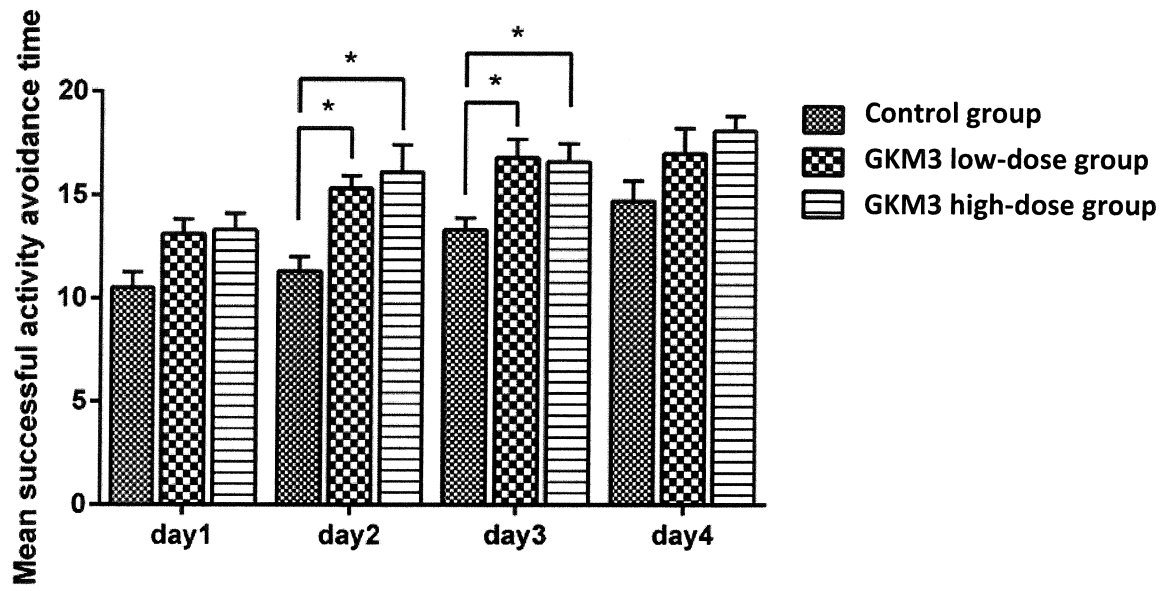


Fig.9