

Table SI. Escape latency during the acquisition phase of the Morris water maze across training days.

Group	Mean escape latency time (sec)				
	Day 1	Day 2	Day 3	Day 4	Day 5
Control sham	74.22±6.75	41.48±9.91	27.30±5.17	13.84±2.62	8.26±1.13
D-Gal	61.12 ±10.98	41.46±9.02	22.39±4.68	11.01±1.84	14.73±4.23
D-Gal + PSO100	64.08±12.27	47.65±6.39	32.44±7.24	17.02±3.09	13.80±2.64
D-Gal + PSO500	68.06±8.21	37.18±10.68	17.99±3.99	11.49±2.11	9.66±1.18
D-Gal + FO500	71.13±5.45	32.54±6.22	25.64±4.00	14.25±2.27	16.20±4.01

Data are presented as mean ± SEM. Escape latency decreased progressively across training days in all groups. Two-way repeated measures ANOVA showed a significant effect of day [$F(2.548, 76.45)=88.15$; $P<0.001$], but no significant effect of group [$F(4, 30)=0.3644$; $P>0.05$] or group x day interaction [$F(10.19, 76.45)=0.6452$; $P>0.05$]. D-Gal, D-galactose; PSO100, Perilla seed oil 100 mg/kg; PSO500, Perilla seed oil 500 mg/kg; FO500, fish oil 500 mg/kg.