

FIG. S1. Monitoring of the drining patterns during the experiment. Adding fluoxetine to the drinking water promote no changes in water consumption.

	Fluoxetine	Norfluoxetine
	ng/ml	ng/ml
0 (bovine serum)	nd	nd
24 h	101	908
48 h	44	665
72 h	1,7	258
7 d	nd	2,7
14 d	nd	1,7

Table. S1 Fluoxetine and norfluoxetine concentrations in mouse blood serum after four-weeks treatment.

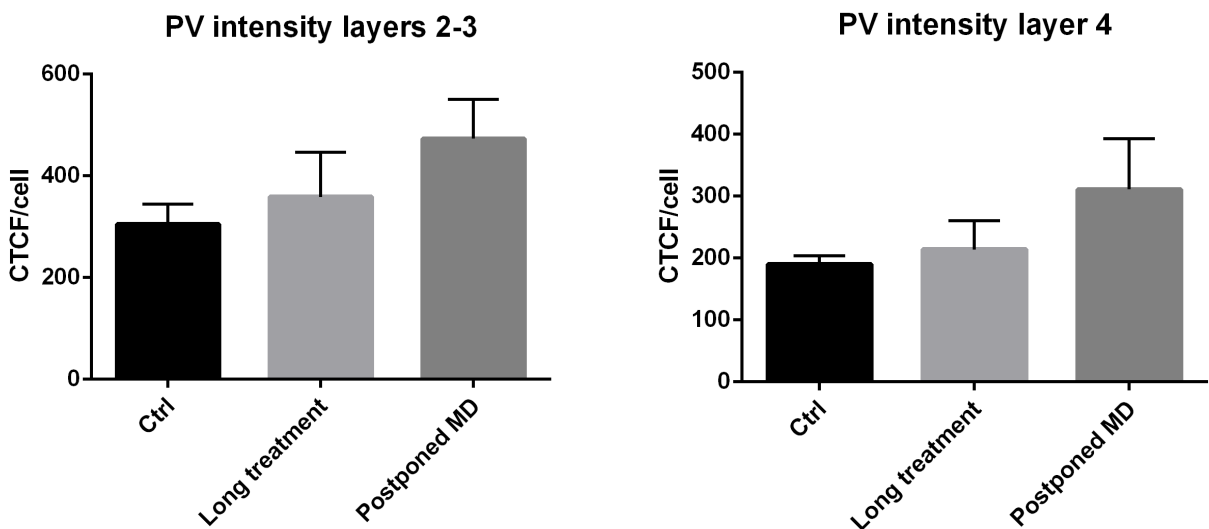


FIG. S2. No difference in intensity was found between the experimental groups in layer 4 and layers 2-3 (Kruskal-Wallis test; \pm SEM).