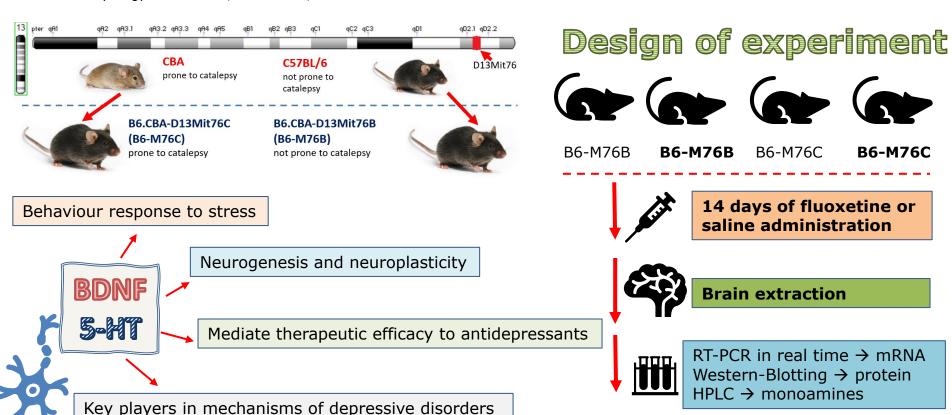
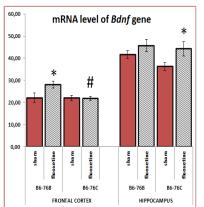
INTERPLAY BETWEEN 5-HT AND BDNF SYSTEM IN RECOMBINANT MOUSE STRAIN UPON CHRONIC FLUOXETINE ADMINISTRATION

Rodnyy A.Ya., Kondaurova E.M., Antonov Y.V., Ilchibaeva T.V., Tsybko A.S., Naumenko V.S. Institute of Cytology and Genetics, Novosibirsk, Russia

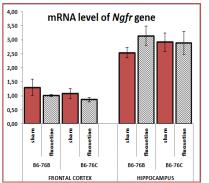


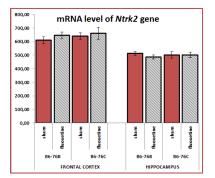
The work was supported by Russian Scientific Foundation, project No.19-15-00027.

BDNF system mRNA expression

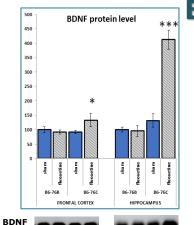


* p<0.05 in comparison with the same strain sham group (^ p=0.06) # p<0.05 in comparison with another strain fluoxetine group





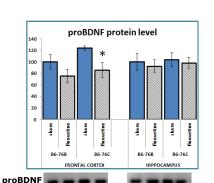




13 kDa

GAPDH

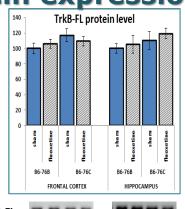
37 kDa



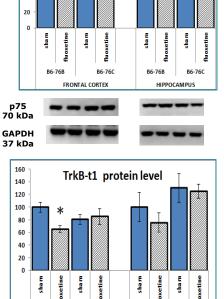
25 kDa

GAPDH

37 kDa







p75 protein level A

140

120



B6-76C

FRONTAL CORTEX

B6-76B

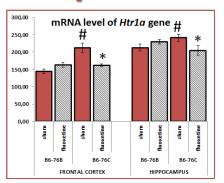
HIPPOCAMPUS

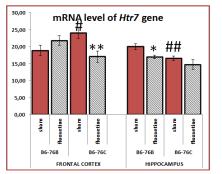
B6-76C

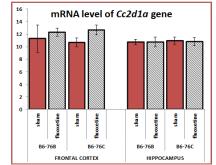
5-HT system mRNA expression

* p<0.05, ** p<0.01, *** p<0.001 in comparison with the same strain sham group

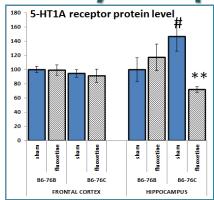
p<0.05, ## p<0.01 in comparison with another strain sham group

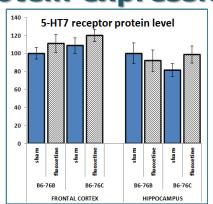


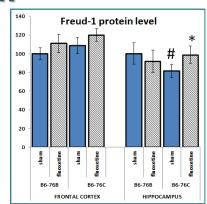


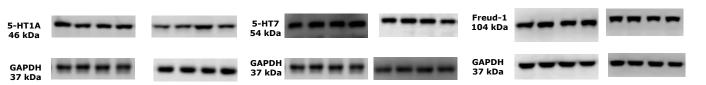


5-HT system protein expression









HPLC

