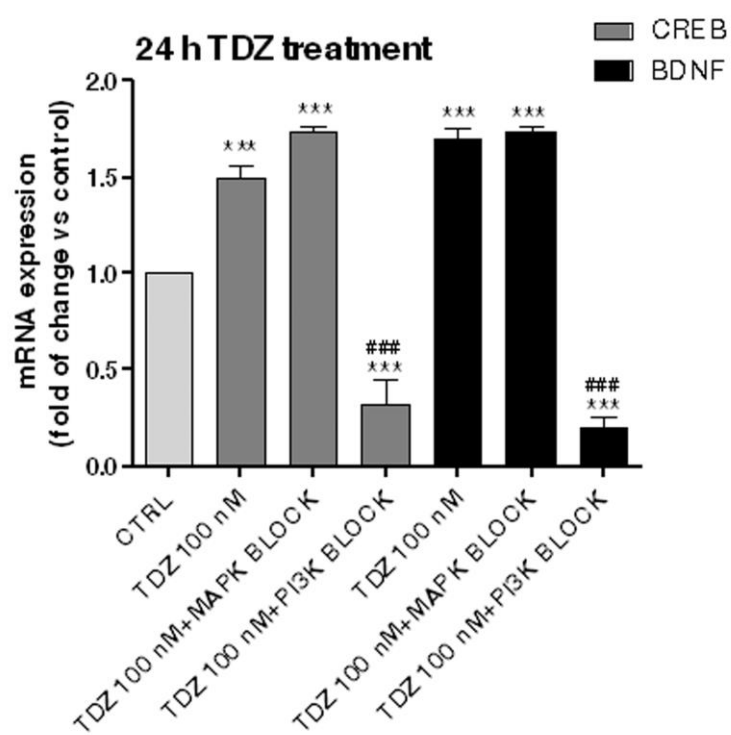


Trazodone regulates neurotrophic/growth factors, mitogen-activated protein kinases and lactate release in human primary astrocytes

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Supplementary Figure 3



Supplementary Fig. 3. Human astrocytes were pre-treated with 500 nM Wortmannin (PI3K inhibitor) or 5 μ M PD98059 (MEK1 inhibitor); after 30 min, cells were incubated with TDZ (100 nM) FLUOX (10 μ M) for an additional 24 h. At the end of treatment, total RNA was extracted, and relative mRNA quantification of CREB and BDNF was performed by real-time RT-PCR. The data are expressed as fold changes vs. control and represent the mean \pm SEM of three different experiments, each performed in duplicate. Statistical significance was determined using a one-way ANOVA-Tukey HSD post hoc test: **P<0.01 vs. control; ##P<0.01 vs cells not treated with the PI3K inhibitor.