

Supplementary Materials

Table S1. Individual metabolite levels (expressed as a percentage of the total amount of all metabolites) in hippocampus of PS exposed rats.

Metabolite ratios in hippocampus (%)	Control (n = 7)	PS (n = 18)	High Anxiety (n = 7)	Low Anxiety (n = 11)
NAA	18.8 ± 2.75	15.85 ± 2.73*	14.89 ± 2.84*	16.46 ± 2.6*
GABA	7.35 ± 3.25	6.71 ± 2.14	5.6 ± 1.36	7.61 ± 2.28
Ala	7.03 ± 3.65	5.82 ± 2.6	7.41 ± 0.77	5.35 ± 1.85
Ast	0.1 ± 0.02	0.09 ± 0.01	0.11 ± 0.04	0.081 ± 0.05
Cho	2.17 ± 0.85	1.88 ± 0.44	1.96 ± 0.45	1.78 ± 0.31
Cr + PCr	12.00 ± 1.19	10.00 ± 2.35	10.99 ± 0.55	9.78 ± 0.58
Glu + Gln	15.01 ± 4.66	13.59 ± 4.61	12.90 ± 1.47	14.43 ± 1.83
mIn	5.46 ± 1.64	3.95 ± 1.7	4.97 ± 1.11	3.11 ± 0.59
Tau	4.97 ± 1.45	4.17 ± 1.35	4.96 ± 0.52	3.66 ± 0.51
Gly	15.81 ± 6.78	19.10 ± 3.63	16.31 ± 2.5	21.85 ± 1.32
Lac	3.22 ± 1.45	4.44 ± 1.01	4.7 ± 0.83	4.26 ± 1.53
PEA	8.08 ± 3.12	14.79 ± 8.3*	13.14 ± 2.14	15.84 ± 1.74

- The data are shown as the means ± SD.

* – $p < 0.05$ significant differences in compared with control