

Table S1. Analysis of the number of necrotic and apoptotic cells in primary neuronal cultures day after vitamin D3 application

Group	Number of propidium iodide+ cells, % (necrotic cells)	Number of AnnexinV+ cells, % (apoptotic cells)	Necrotic / apoptotic cells ratio
Sham	4.65±0.63	0.58±0.21	8.04±0.62
Solvent	5.62±0.61	0.81±0.52	6.93±0.53
Vitamin D3 0.01 µM	4.08±0.72	0.89±0.39	4.46±0.39*
Vitamin D3 0.1 µM	5.01±0.48	0.46±0.12	10.90±0.84*
Vitamin D3 1 µM	6.2±0.87	0.54±0.17	11.55±1.02*

* - versus "Sham", p <0.05, one-way ANOVA and Tukey post hoc test