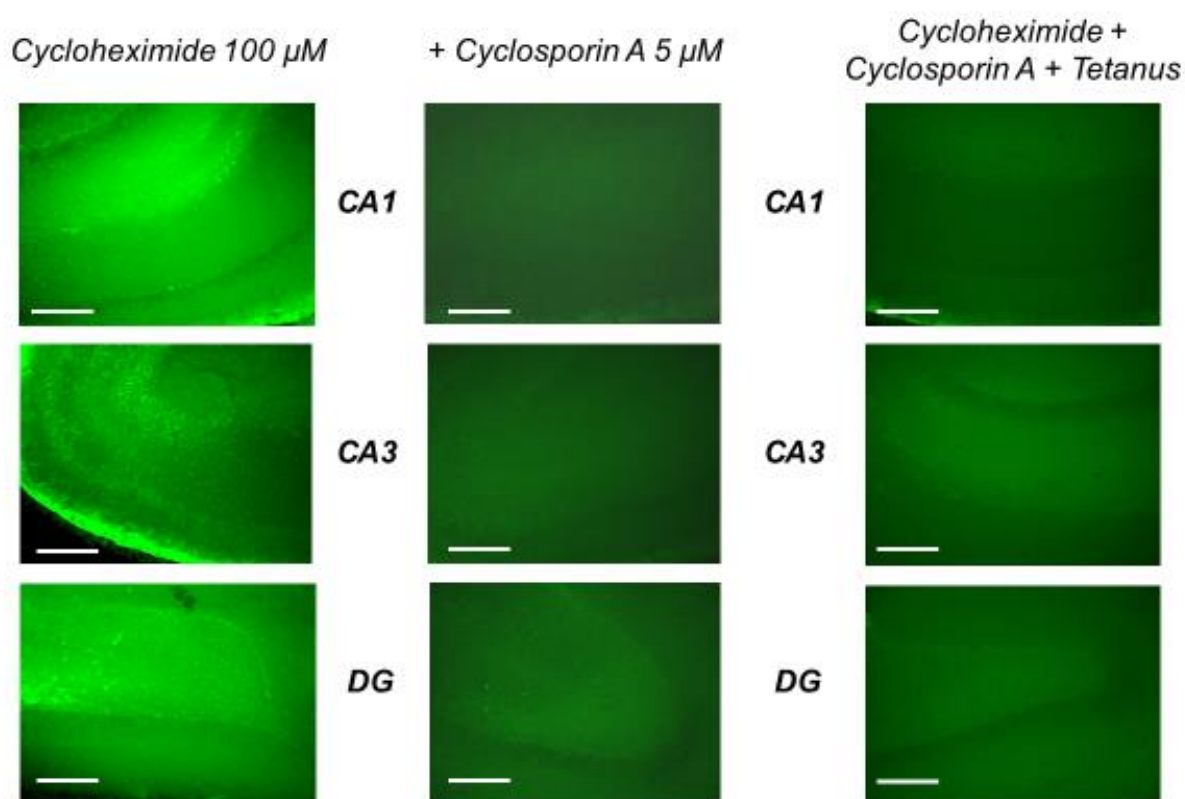


Supplemental Data

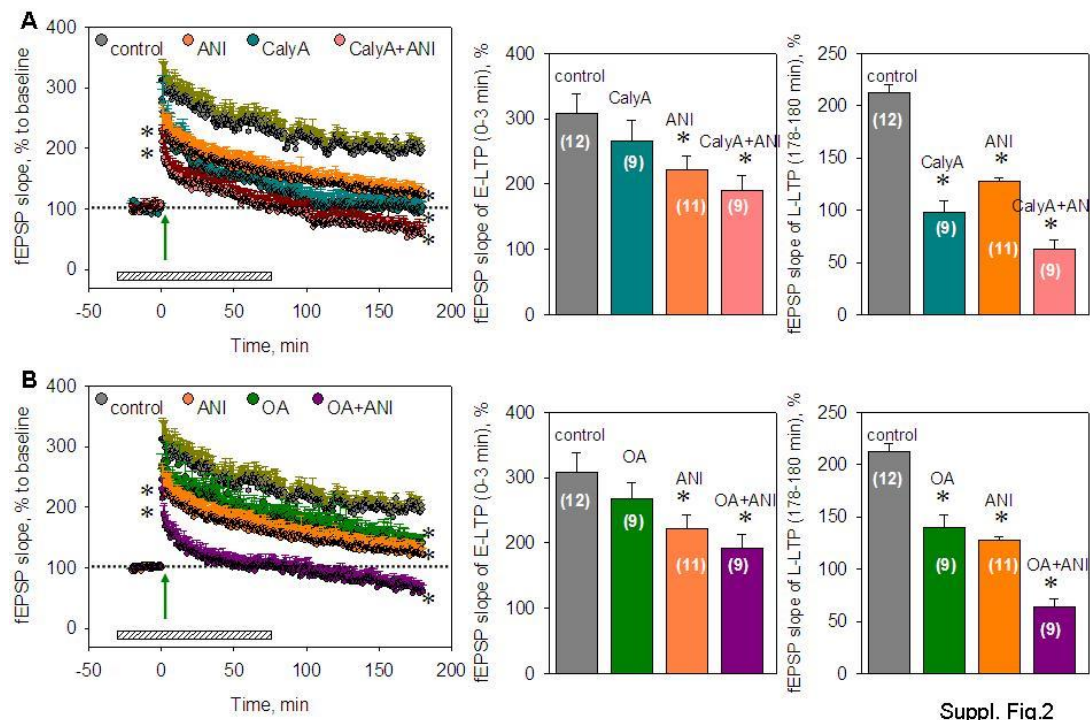
Serine/threonine phosphatases in LTP: Two B or not to be the protein synthesis blocker-induced impairment of early phase

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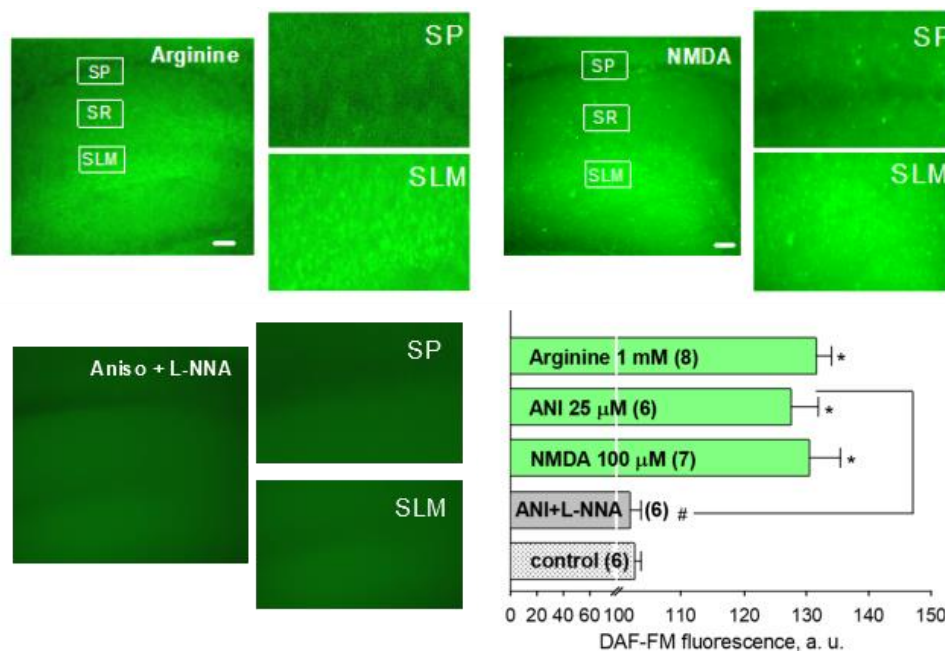


Suppl. Fig. 1. Cycloheximide-induced NO production in CA1, CA3 and DG in the hippocampus (left panels) and its prevention in the presence of cyclosporin A without (middle panels) and 30 min after tetanic induction (right panels). Scale bars 400 μ m.



Suppl. Fig.2

Suppl. Fig. 2. PP1/PP2A inhibitors do not prevent the PSB-induced E-LTP impairment. Pretreatment of hippocampal slices in the presence of 50 nM calyculin A, CalyA (A) or 100 nM Okadaic acid, OA (B) have no influence on the 25 μ M anisomycin-impaired LTP. Number of experiments is indicated in parentheses.* denotes $p < 0.05$ vs. the control.



Suppl. Fig. 3. NO synthesis produced by the endogenous NO donor Arginine and stimulation of NMDA-receptors, as well preventing of anisomycin-induced NO synthesis in the presence of the NO synthase blocker L-NNA (100 μ M). SP – *stratum pyramidale*, SR – *stratum radiatum*, SLM – *stratum lacunosum-moleculare*. Number of independent slices are presented in parentheses, * - $p < 0.05$ vs. control, # - $p < 0.05$ for comparison of groups between themselves.