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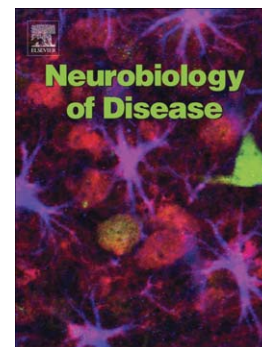
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Differential effects of *N*-acetyl-aspartyl-glutamate on synaptic and extrasynaptic NMDA receptors are subunit- and pH-dependent in the CA1 region of the mouse hippocampus

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Running title: Effect of NAAG on NMDAR subunits in different pH conditions

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ABBREVIATIONS: **2-PMPA**, 2-(phosphonomethyl)pentanedioic acid; **2-PMSA**, 2-(phosphonomethyl)succinic acid; **ACSF**, Artificial cerebrospinal fluid; **BDNF**, Brain-derived neurotrophic factor; **CREB**, cAMP response element binding protein; **EPSC**, Excitatory postsynaptic current; **GCP-II**, Glutamate carboxypeptidase type II; **mGluR₃**, Metabotropic glutamate receptor 3; **NAAG**, *N*-acetyl-aspartyl-glutamate; **NMDAR**, *N*-methyl-D-aspartate receptor

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