



BIOLOGY

Glutamatergic transmission is recorded in the CA3 region of the adult rat hippocampus while stimulating afferent fibers (Mossy Fibers) in the Dentate Gyrus. Long-Term Potentiation (LTP) of evoked responses could be triggered in the CA3 region after a High-Frequency Stimulation (HFS) (see A and B). Pre-synaptic kainate receptors (containing the GluR5 subunit) are involved in the durable increase of evoked responses in the CA3 region.

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