
We are retracting the above-referenced article for the following reasons. Shortly after this manuscript was accepted for publication, new experiments indicated that brain slices expressing membrane-targeted fluorescent proteins can give rise to electrically evoked fluorescence changes in the absence of dipicrylamine. Since the same fluorescent proteins expressed in cultured cells give voltage-dependent fluorescence changes only in the presence of dipicrylamine, we are unable to explain the signals we reported in hippocampal and spinal slices. Thus although these signals do arise from genetically targeted cells and are blocked by pharmacological inhibitors of electrical activity, we can no longer say to what extent they reflect resonant energy transfer. This matter requires further investigation.

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