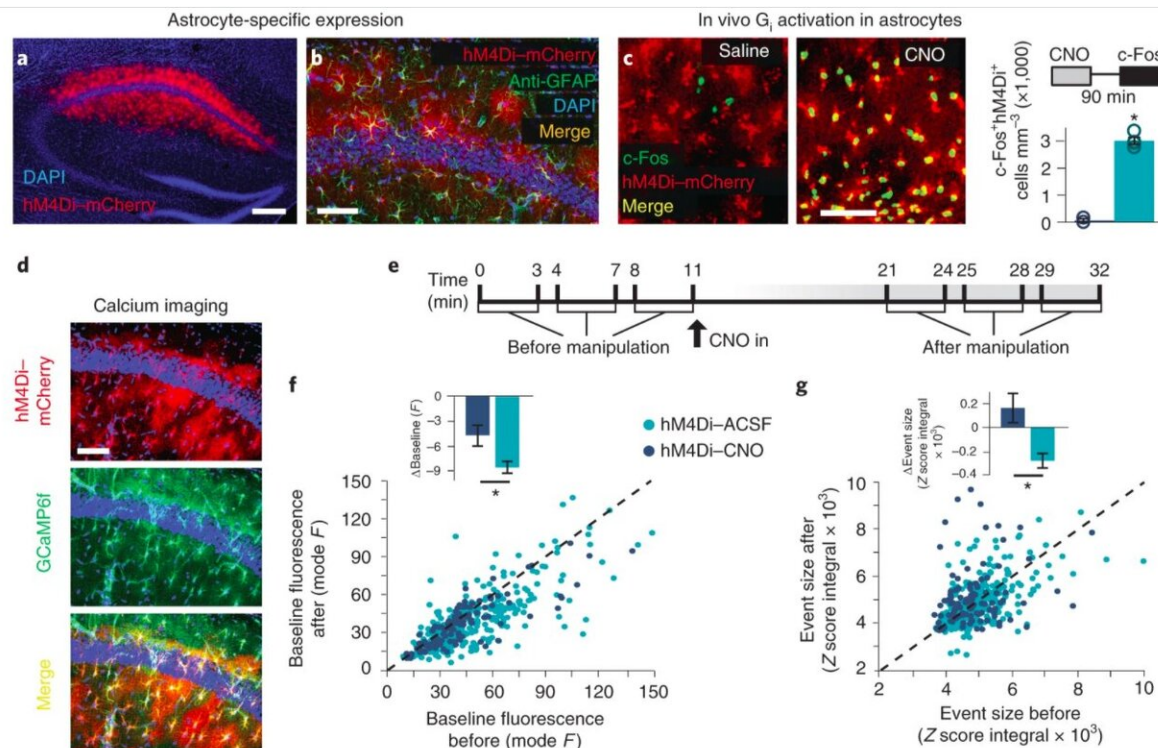


# Study highlights the role of astrocytes in the formation of remote memories

September 8 2020, by Ingrid Fadelli



a, Bilateral double injection of AAV8-GFAP::hM4Di-mCherry resulted in the selective expression of hM4Di in the CA1. Scale bar, 200  $\mu\text{m}$ . b, hM4Di (red) was expressed in the astrocytic membrane around the soma and in the distal processes. Scale bar, 50  $\mu\text{m}$ . c, Representative images (left) and quantification of c-Fos expression. CNO administration in vivo to mice expressing hM4Di (red) in CA1 astrocytes resulted in a significant increase in c-Fos expression (green) in these astrocytes compared with saline-injected controls (\*P

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