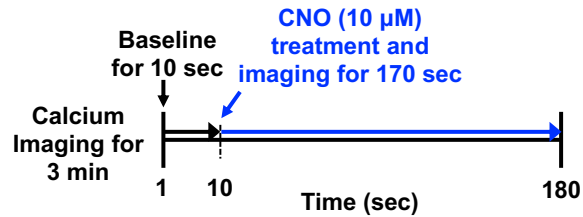
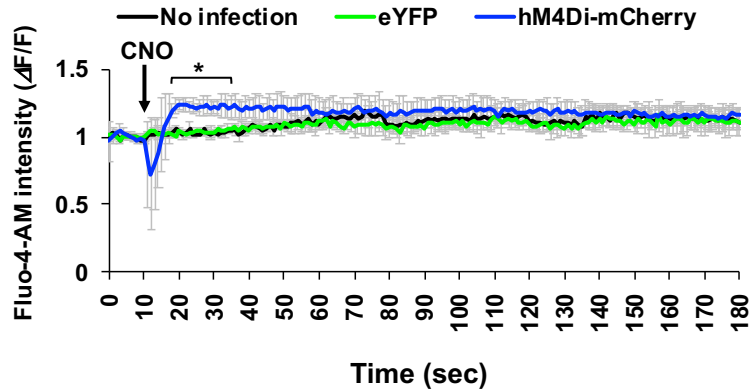


Supplementary Figure S3

A



B



Supplementary Figure S3. Chemogenetic stimulation of cultured astrocytes increases intracellular Ca^{2+} levels. **A**, Experimental timeline. The hM4Di-expressing primary astrocytes loaded with Fluo-4-AM exhibited Ca^{2+} transients after treatment with CNO (10 μM). CNO was added at 10 s. **B**, Fluo-4-AM fluorescence traces ($F-F_0$)/ F_0 from primary astrocytes (180 s). The “no infection” and eYFP groups had unaltered Ca^{2+} levels. Results are expressed as the mean \pm SD ($n = 5$). * $p < 0.05$ between the indicated groups (one-way ANOVA).