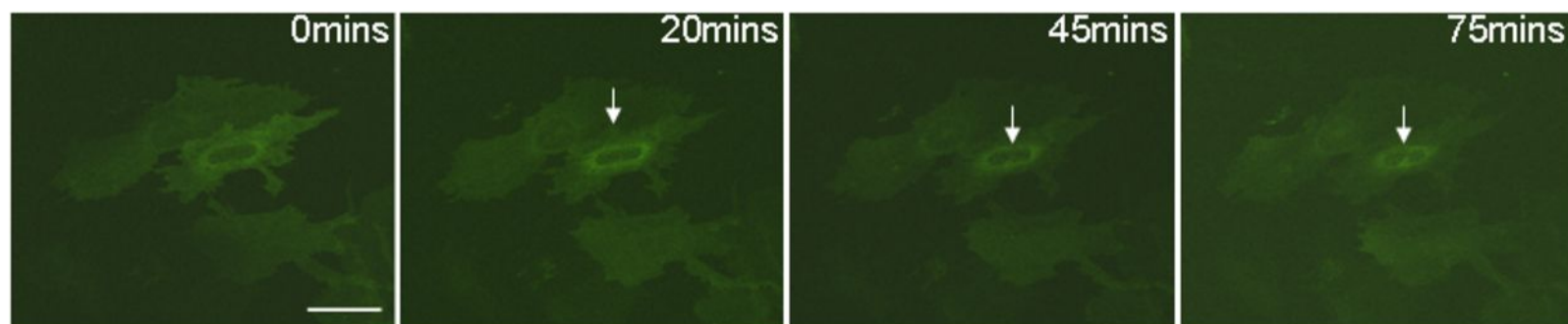
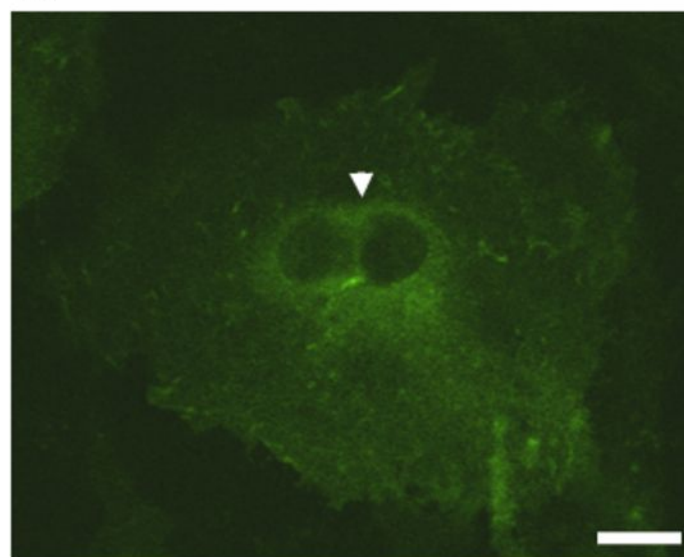
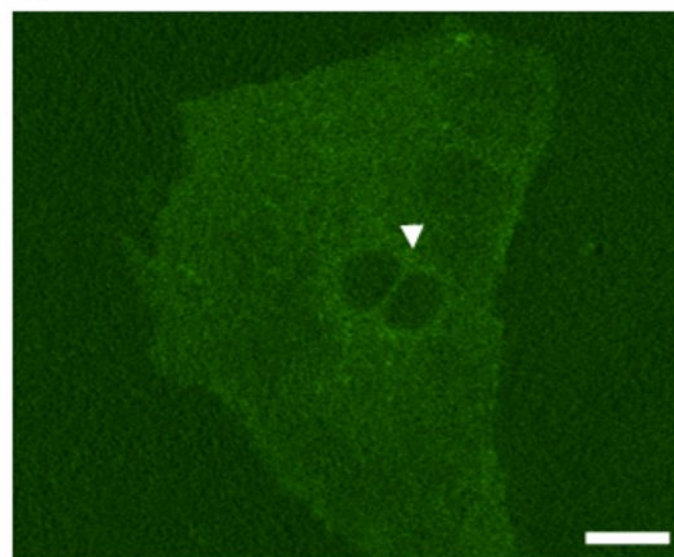


A**B****C**

Supplementary Fig 3. (A): Nuclear splits were quantified as a measure of cell proliferation. Activated microglia expressing exogenous constructs (P2X7R-EGFP or P2X7RG345Y-EGFP) with lines of separation (arrow) in their nuclei were often monitored with time-lapse microscopy for a period of up to 75 minutes (times indicated on each panel) confirming nuclear splitting rather than nuclear fusion. Scale bar: 20 μ m. *(B&C):* Representative images showing the occurrence of nuclear splitting in activated microglia expressing P2X7R-EGFP *(B)* or P2X7RG345Y-EGFP *(C)*. Scale bar, 10 μ m.