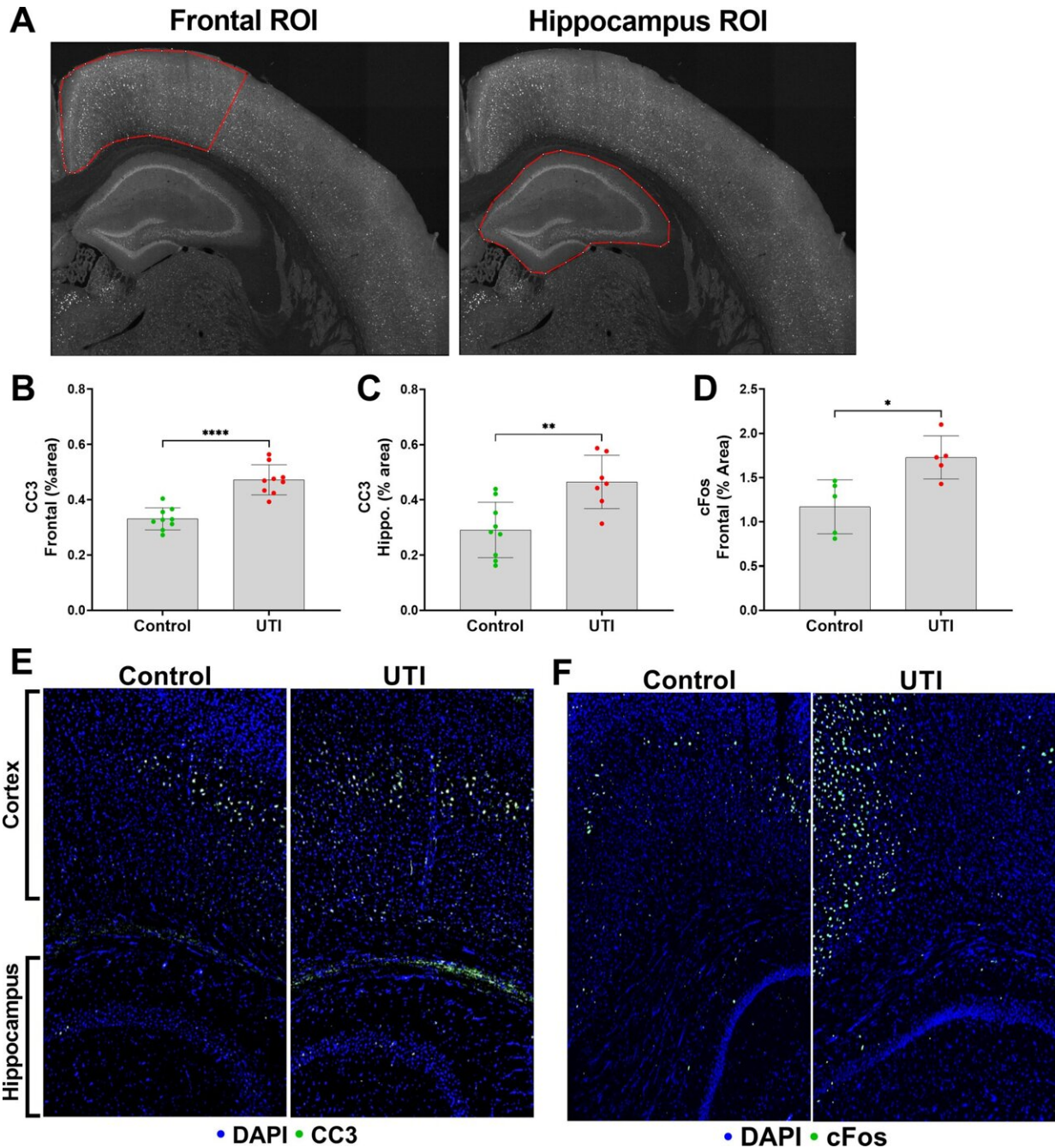


Unlocking the cause of UTI-induced delirium

December 6 2021



UTI induces neuronal changes to the frontal cortex and hippocampus. a Representative regions of interest (ROIs) of measured brain regions, i.e., frontal cortex, and hippocampus. b, c Quantification of cleaved caspase-3 (CC3) in the frontal cortex and the hippocampus show significantly increased CC3 in the UTI group compared to the control group (n = 7–9). d Quantitative data show significant increase in c-Fos in frontal cortex area in the UTI group compared to the control group (n = 5–9). e, f Representative images of CC3 and c-Fos (both shown in green) in both the frontal cortex and hippocampus show increases in both markers in UTI mice compared to controls. Quantitative data are expressed in mean \pm SD. *p

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