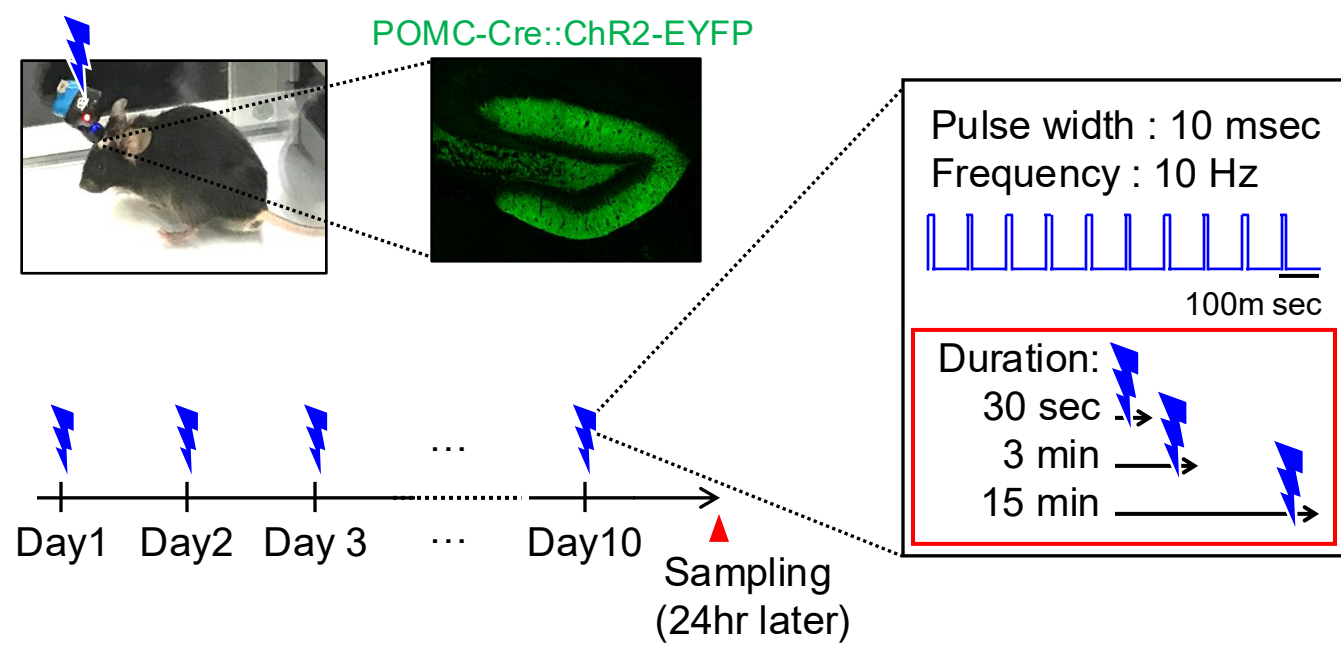
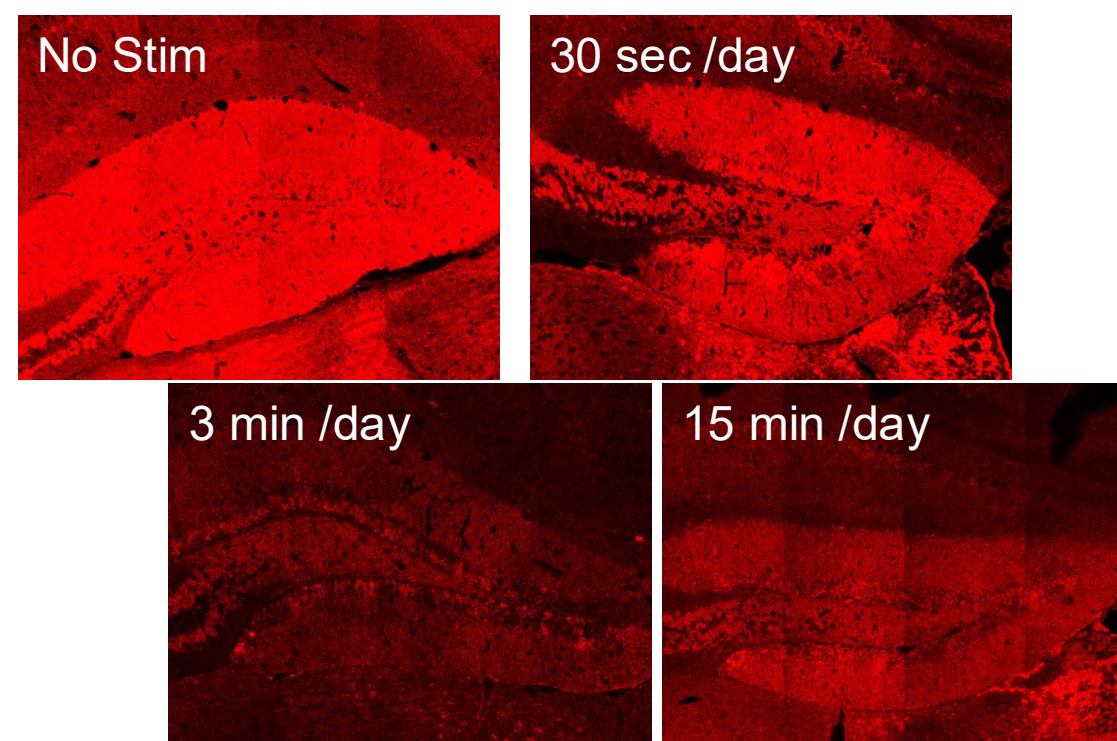
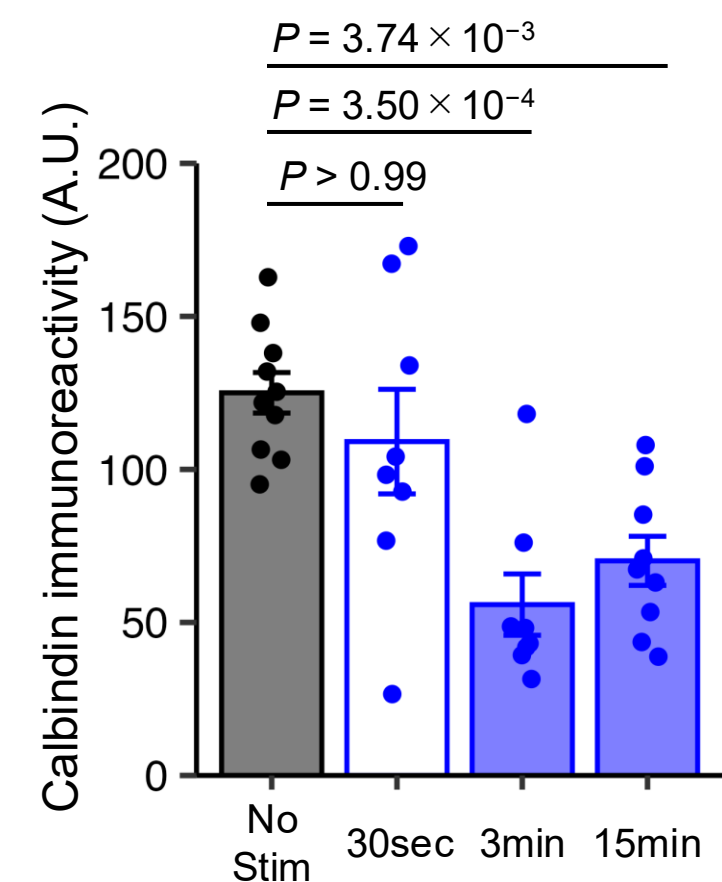
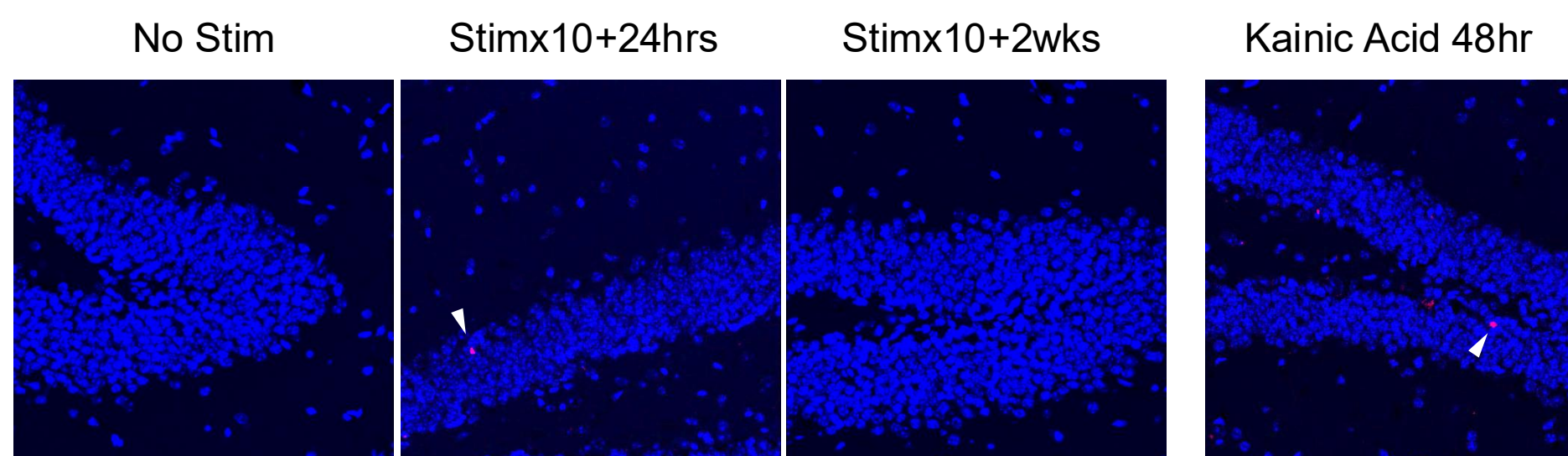
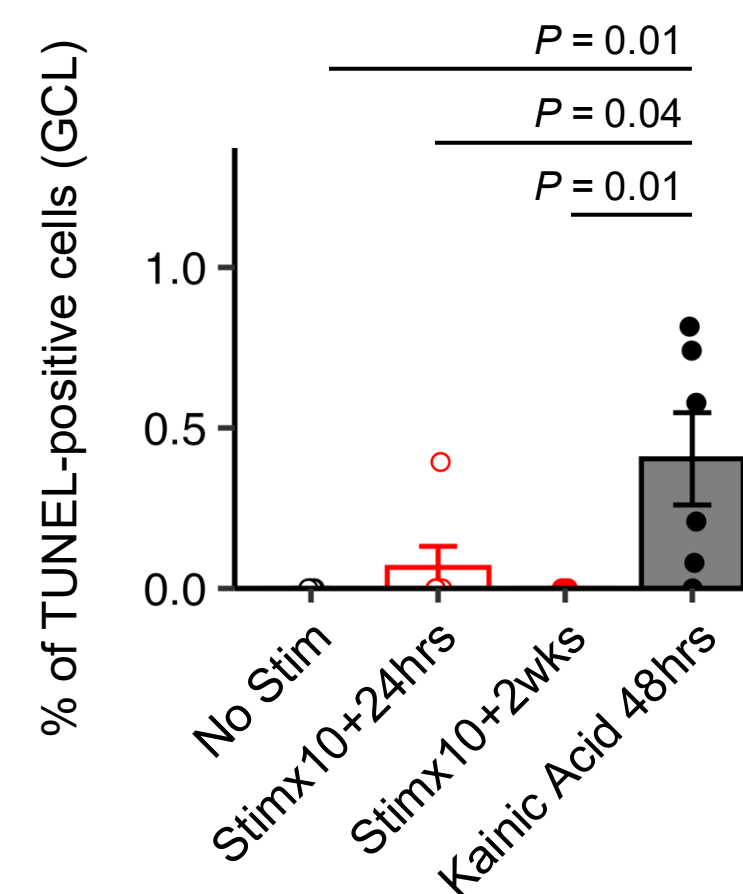
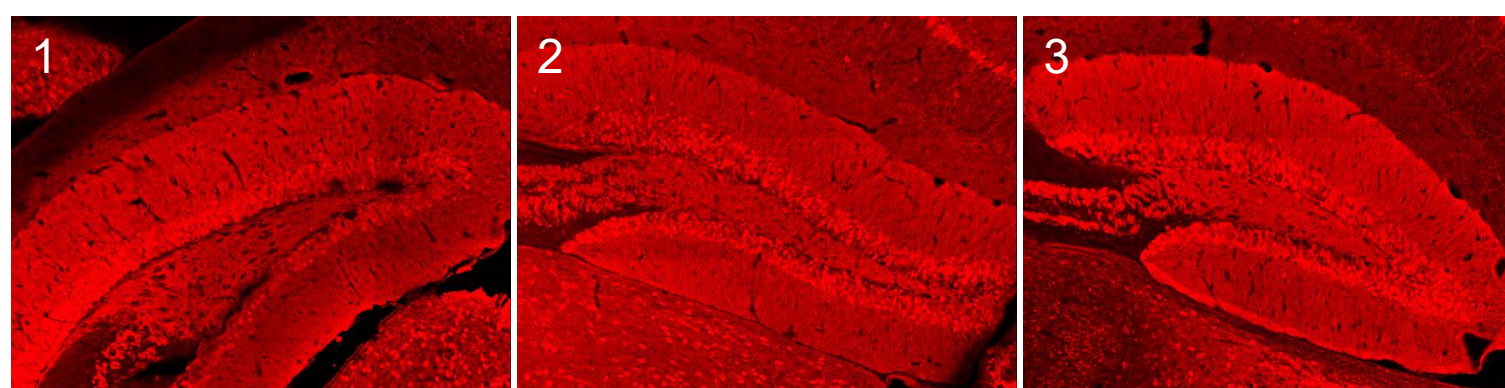


a**b**

Calbindin (maturation marker of GCs in the DG)

**c**

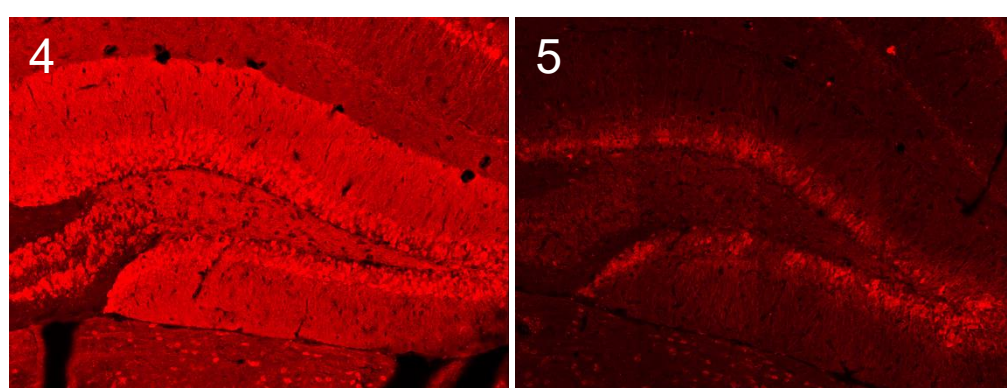
TUNEL Hoechst

**d**

Optic Fiber Implant. (-)
ChR2-Expression (-)
Opto-Stimulation (-)

Optic Fiber Implant. (+)
ChR2-Expression (-)
Opto-Stimulation (-)

Optic Fiber Implant. (+)
ChR2-Expression (+)
Opto-Stimulation (-)



Optic Fiber Implant. (+)
ChR2-Expression (-)
Opto-Stimulation (+)

Optic Fiber Implant. (+)
ChR2-Expression (+)
Opto-Stimulation (+)

