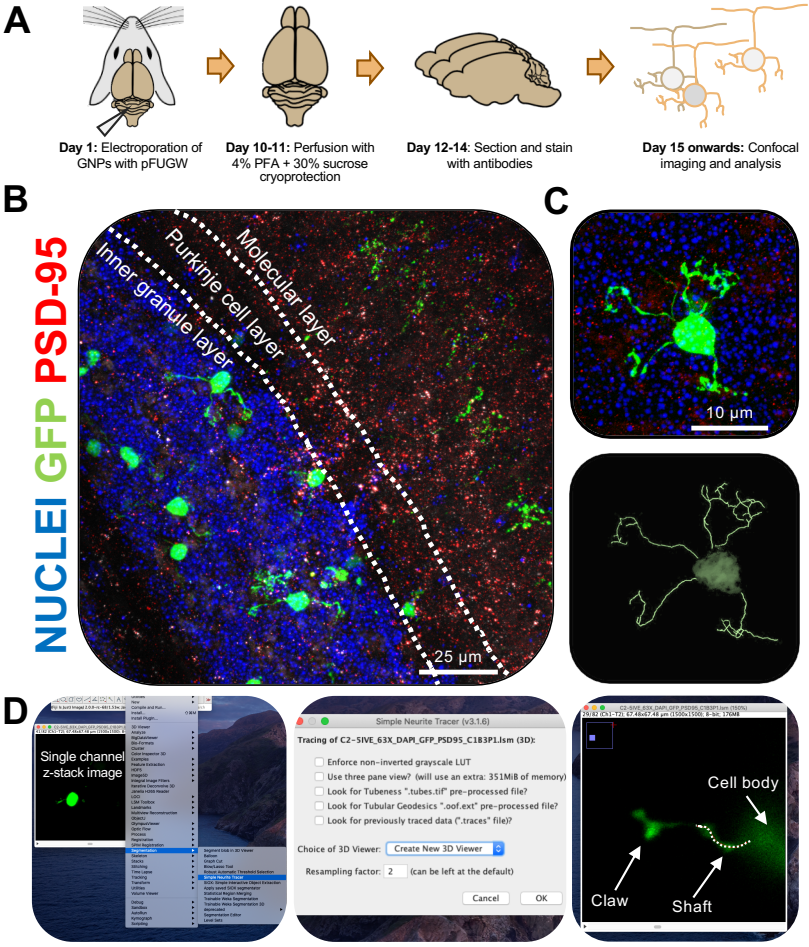
A
Day 1: Electroporation of GNPs with pFUGW
Day 10-11: Perfusion with 4% PFA + 30% sucrose cryoprotection
Day 12-14: Section and stain with antibodies
Day 15 onwards: Confocal imaging and analysis
B
NUCLEI GFP PSD-95
Molecular layer
Purkinje cell layer
Inner granule layer
25 µm
C
10 µm
D
Single channel z-stack image
Simple Neurite Tracer (v3.1.6)
Tracing of C2-SIVE_63X_DAPI_GFP_PSD95_C183P1.lsm (3D):
Enforce non-inverted grayscale LUT
Use three pane view? (will use an extra: 351MiB of memory)
Look for Tubeness ".tubes.tif" pre-processed file?
Look for Tubular Geodesics ".oof.ext" pre-processed file?
Look for previously traced data (".traces" file)?
Choice of 3D Viewer:
Create New 3D Viewer
Resampling factor:
2
(can be left at the default)
Cancel
OK
Cell body
Claw
Shaft