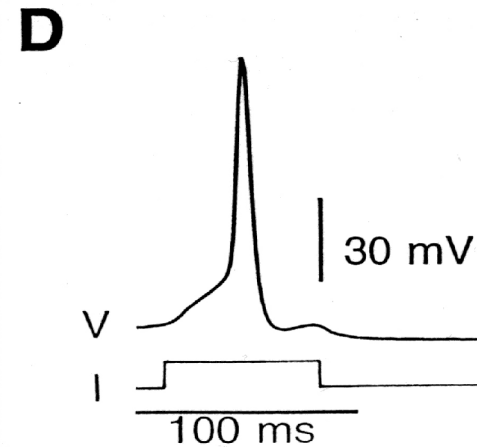
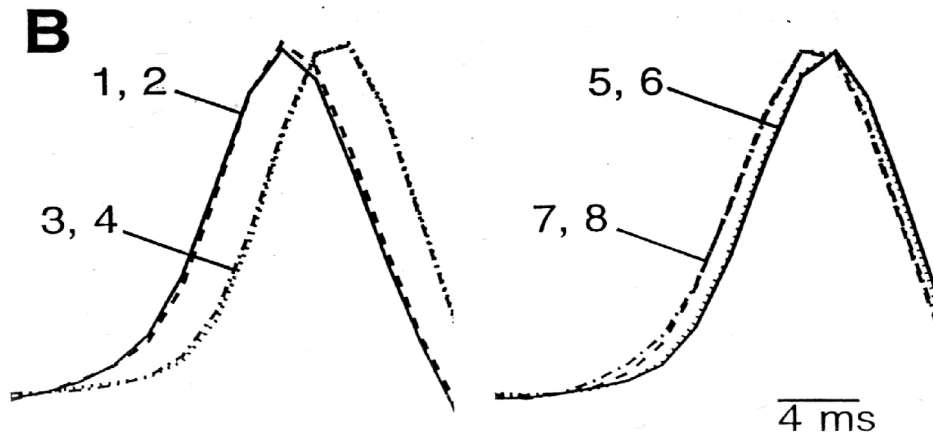
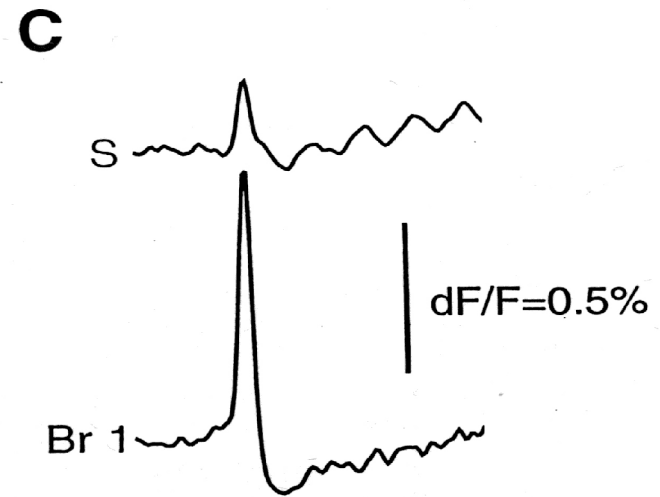
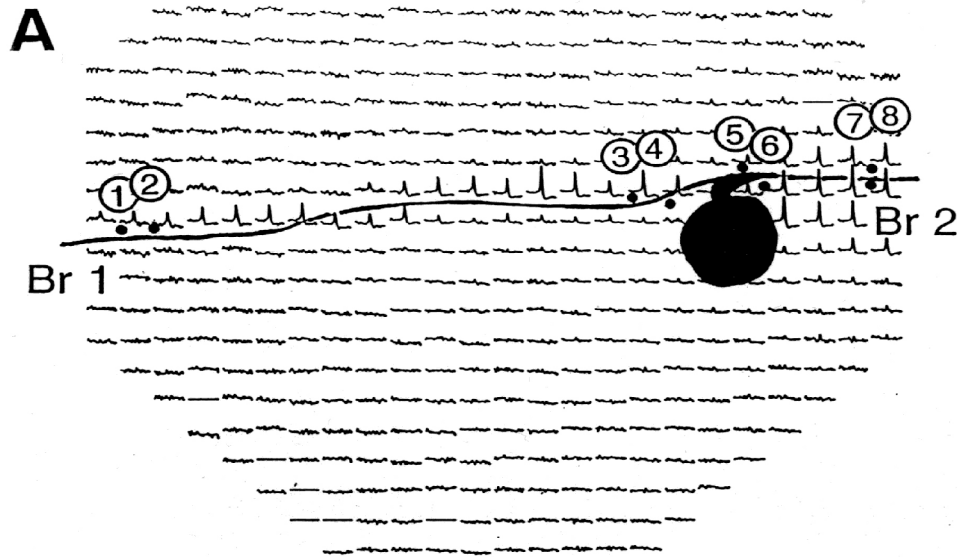


Two Applications of
Voltage Sensitive Dyes
in the (Near) Absence of
Background Staining



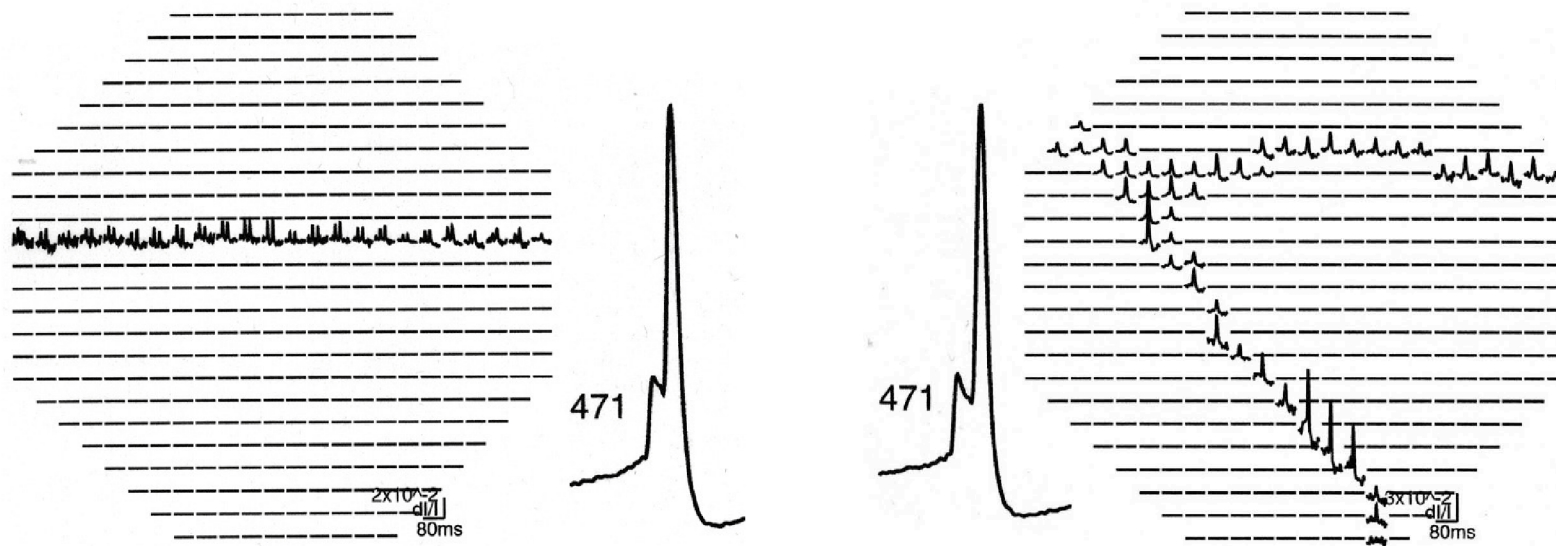
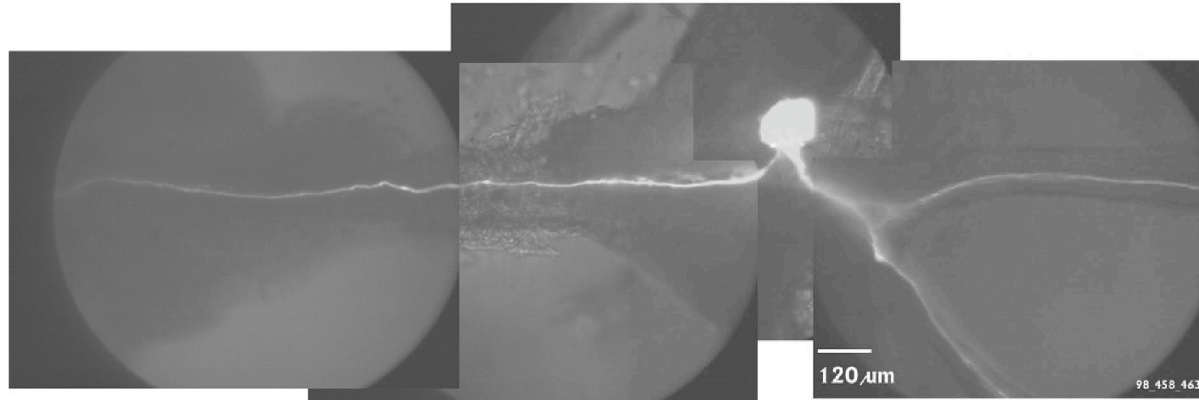
Imaging of Transmembrane Potentials in Helix with an Injectable Voltage Sensitive Dye

Data from Leslie Loew (dye) and Dejan Zecevic (physiology)

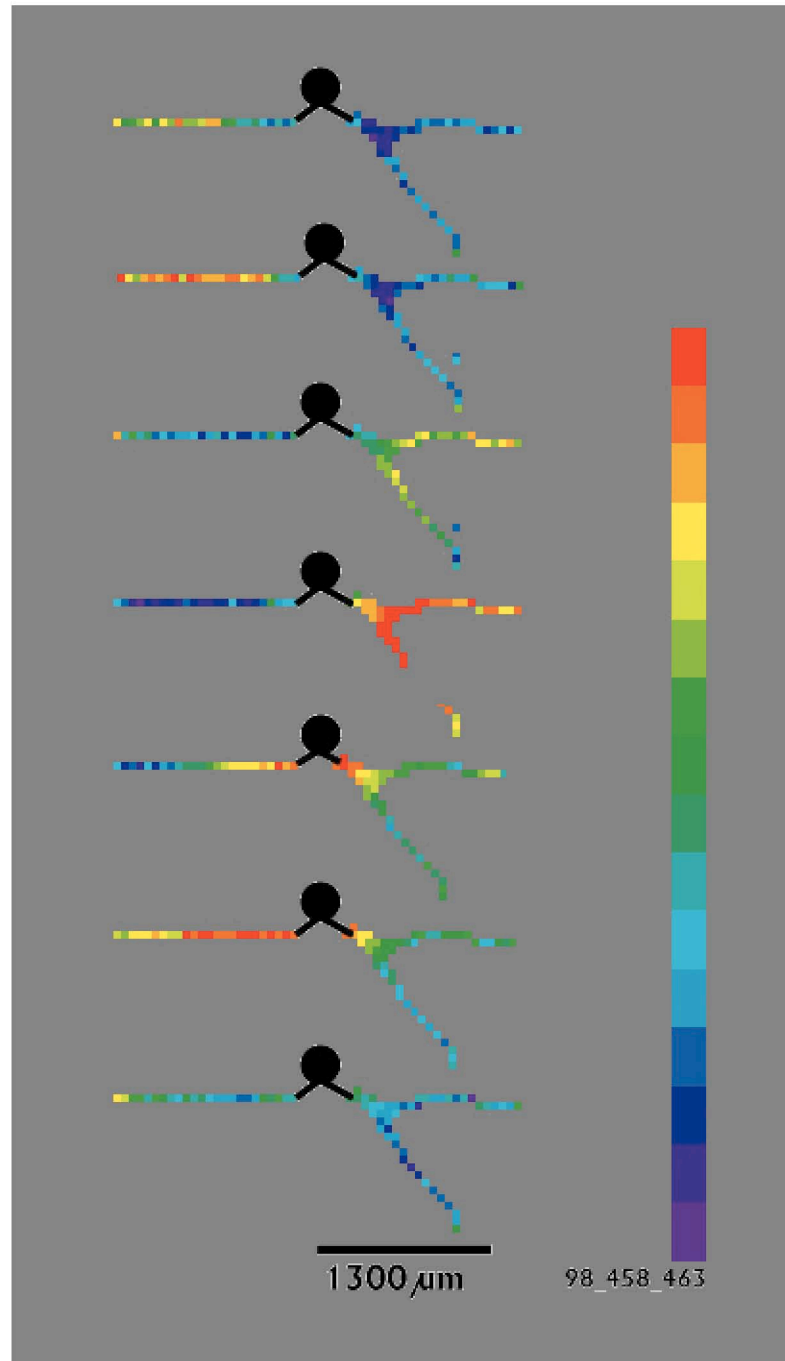


Imaging of Transmembrane Potentials in Helix with an Injectable Voltage Sensitive Dye

Data from Leslie Loew (dye) and Dejan Zecevic (physiology)



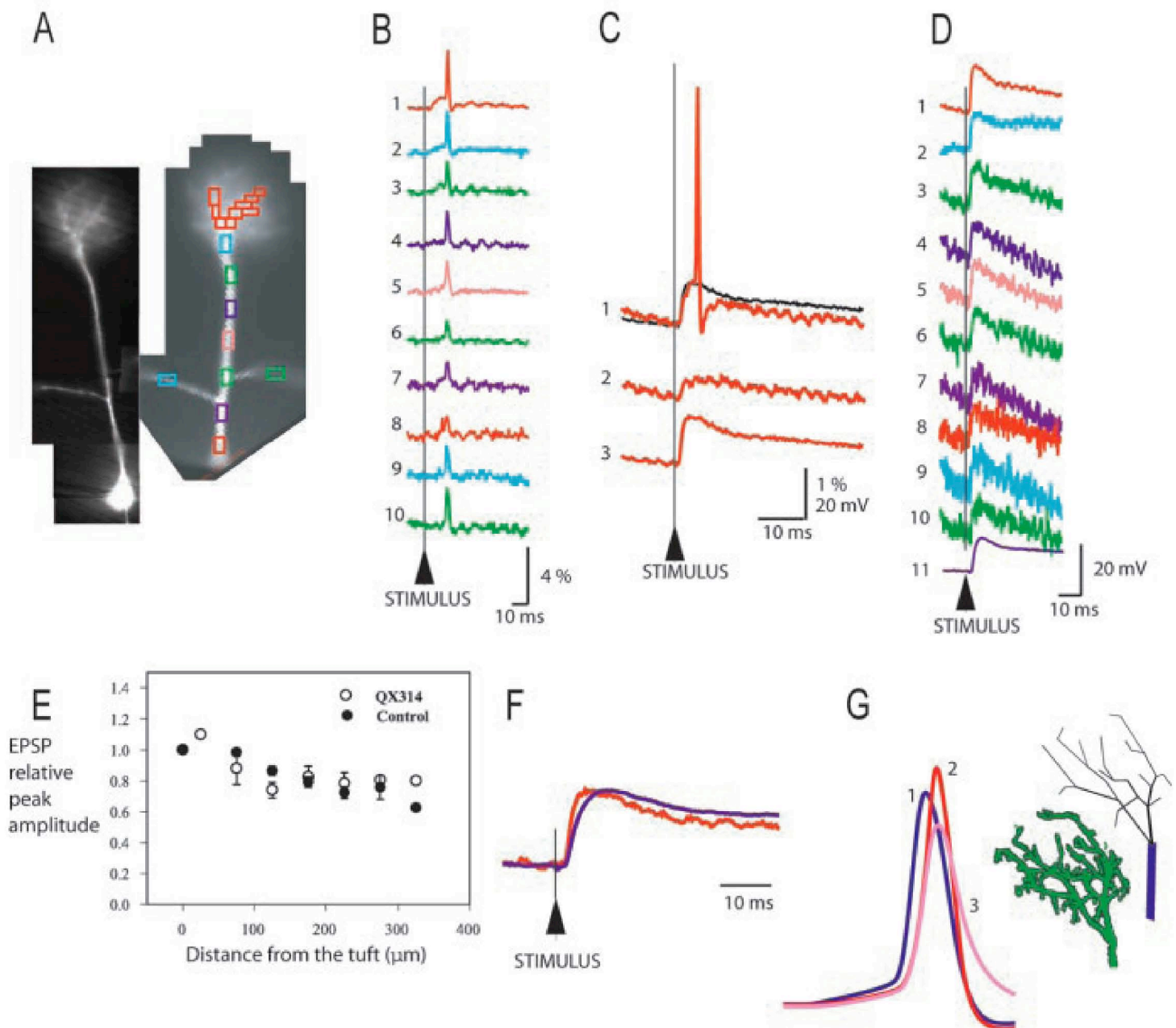
Imaging of Transmembrane Potentials in Helix
with an Injectable Voltage Sensitive Dye
Data from Leslie Loew (dye) and Dejan Zecevic (physiology)



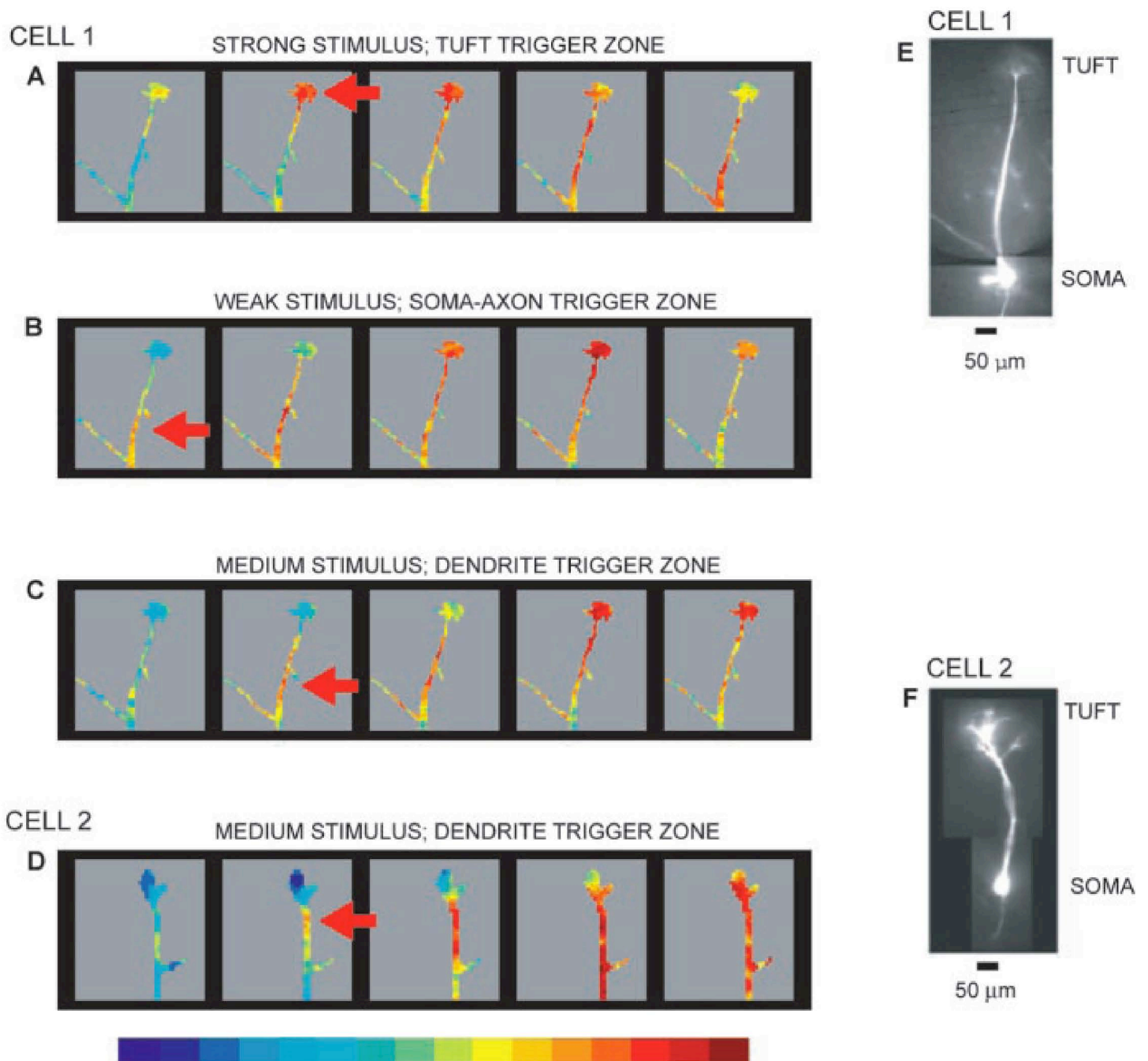


Transmembrane voltages in Mitral cells *in vitro* using pressure injected JPW3028, a +2e charged (aminostyryl) pyridinium lipophilic voltage-sensitive dye and deep-well CCD imaging

Primary dendrites show little EPSP attenuation



Multiple action potentials trigger zones in Mitral cells



Secondary dendrites of Mitral cells support action potentials

