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)
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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