Article Highlights

* Correlated Light and electron microscopy from larval zebrafish
* Electron microscopic reconstruction of neurons encoding for eye movement behavior
* Classification of neurons by axonal projections
* Planar organization of dendrites
* Synaptic connections between integrator cells

eTOC blurb

Vishwanathan et. al combined two-photon calcium imaging and serial section electron microscopy in the larval zebrafish to reconstruct neurons in the oculomotor integrator. They observed three classes of neurons and evidence of synaptic connections between these classes.