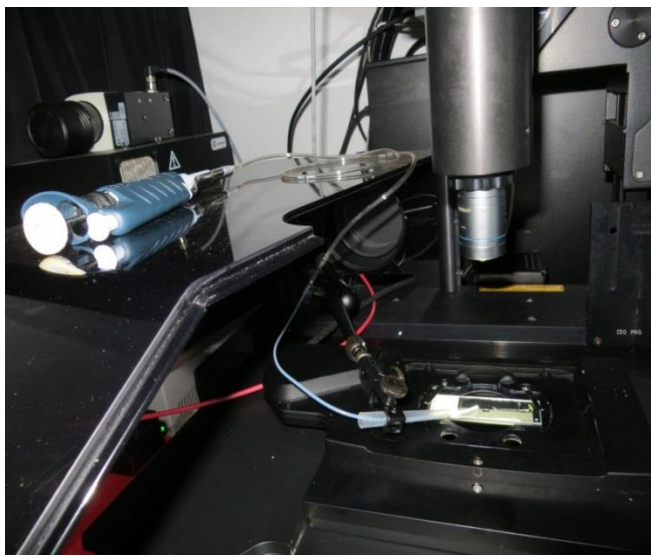
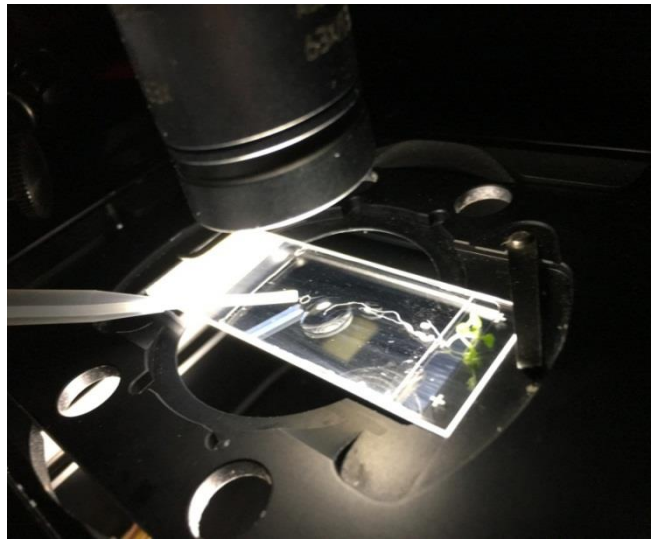


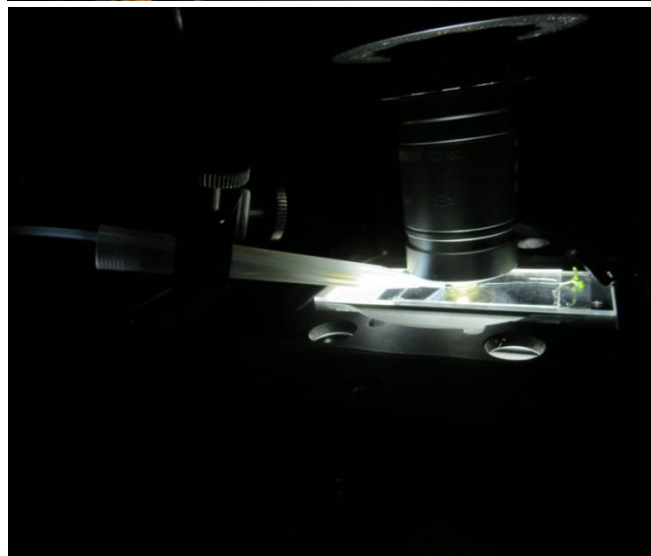
20 μ l Gilson
Pipetman with
Teflon tubing
1mm diameter



Teflon tubing
aimed at the
perforation
in the cover slip



after lowering
63x objective



Data Sheet 5: Procedure for adding eATP during confocal microscopy and data acquisition

Top: View of the Gilson pipetman attached to teflon tubing held in place for aiming at the perforation in the cover slip

Middle: Close-up view of the teflon tubing over the perforation in the cover slip ~5 mm away from the root tip of the seedling mounted on a microscope slide

Bottom: View after lowering the 63X objective into place for starting data acquisition.

After 13 min during the red channel acquisition, the eATP is ejected from the pipetman through the perforation to reach the root tip. For further details, see Materials and Methods.