

Using the Confocal

1. Turn on the two unlabeled extension cords (DO NOT turn on the one labeled “FRAP only!”)
2. Press “on/off” button on the side of the microscope.
3. Wait for the microscope panel to load.
4. Increase numerical aperture to max (0.55). It is a black button on top of the microscope, on the left side, labeled “A”.
5. If imaging live cells, turn on heater.
6. Open Slidebook. Ignore warnings about updates or laser. If there is a warning about the camera, get help from an experienced user.
7. In Slidebook, open the Focus window. (“F” icon in menu bar).
8. Choose appropriate objective. Press “Done” on microscope panel if changing objectives.
9. Place a drop of the appropriate immersion liquid (water-based [W] for 40X or oil [F] for 63X) onto the objective.
10. Place dish on the stage.