



Confocal Microscopy Core Facility

Brigham and Women's Hospital



Confocal Shutdown Procedure

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New steps are in red.

1. New 488 Steps

-Switch off the upper 488 box by turning the key.

Allow the laser fan to cool for 5 minutes before turning off the lower power box.

-After 5 minutes of cooling, the lower 488 power box can be shut off.

2. Shut off the 543 and 640 lasers by turning their keys. The 640 power key is located on the laser itself.
3. Exit the software and shut down the computer.
4. Shut off the AOM and C1 controllers.
5. Shut off the shutter driver.
6. Shut off the mercury lamp and halogen / bright field lamp.
7. Turn off the nitrogen tank to the table.
8. Lower the objectives and close the box.
9. Double-check that all lasers and devices are turned off.

OVERNIGHT USE/ Live:

To save the life of the mercury lamp, when taking overnight confocal movies, please turn off the mercury and halogen / bright field lamps.

Adjust the CO2 flow to the minimum amount possible to conserve gas.



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