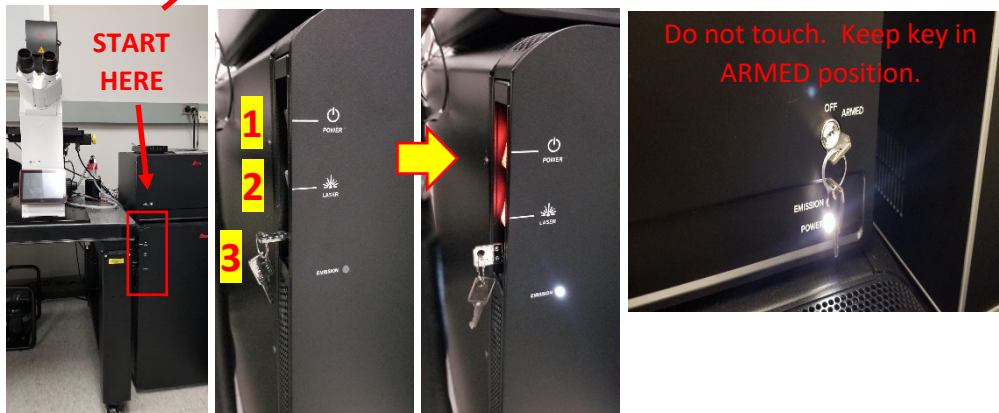
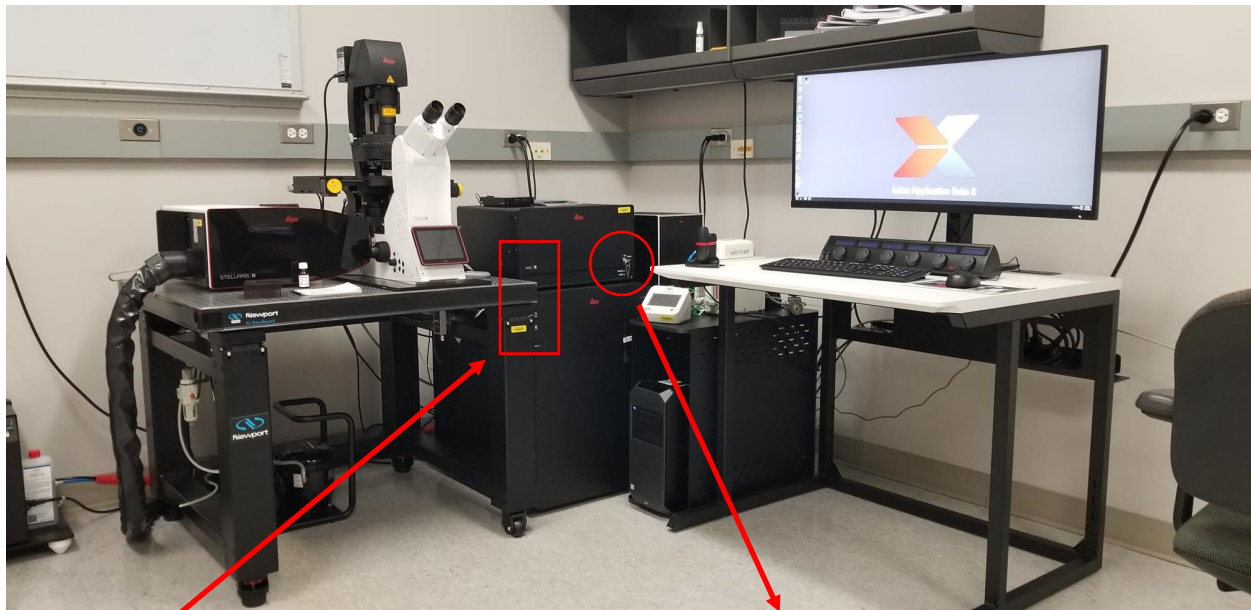


STELLARIS-8 – Department of Biology – Carver Center for Imaging, Room 8 BBE

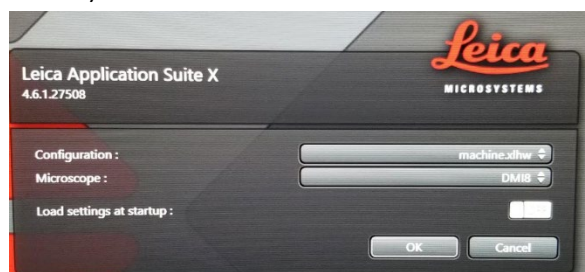
Questions? Contact CCI Director Dr. Michael Dailey, Michael-E-Dailey@uiowa.edu; ofc: (319) 335-1067

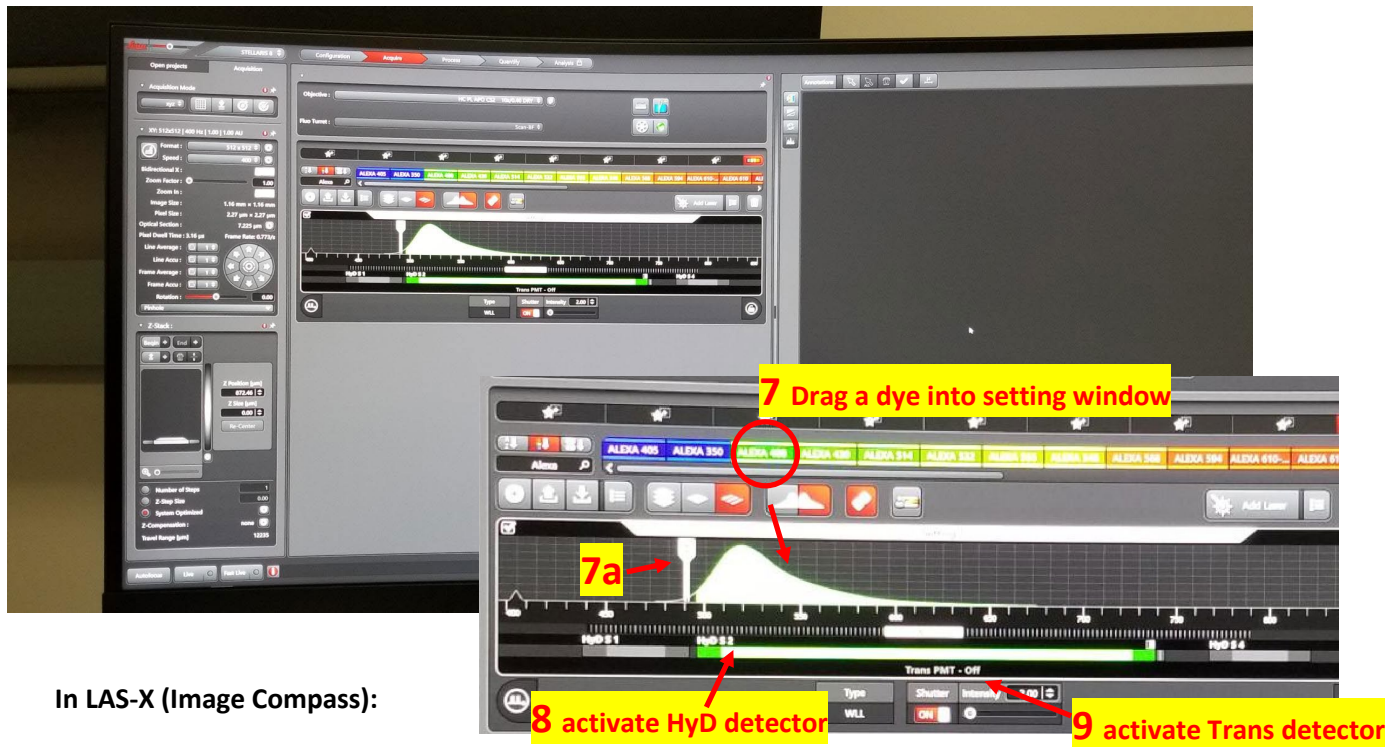


STELLARIS-8 - Startup procedure

First, make sure the **PC is powered on**. If not, turn ON (on floor to left of the monitor).

1. Turn ON **POWER** switch on side of box located to the right of table (red power switch light comes on).
2. Turn ON **LASER** switch (red power switch light comes on). Laser "Emission" power light comes ON.
3. **Key** – confirm that key is in vertical "unlocked" position - Emission light comes ON WHEN LASER IS POWERED. Note: A 2nd key on the WLL laser box should always remain in ARMED position. Do not turn off.
4. **Login PC** (using HawkID and password).
5. **Start LAS-X.**
6. Configuration window, select:
 - "Machine"
 - "Microscope: DMi8"





In LAS-X (Image Compass):

7. Select and drag a **dye** (e.g., Alexa 488) into the first “Setting” window below. The software selects the best wavelength for excitation.
 - You can drag more than one dye if you want to simultaneously image more than one dye at a time. Otherwise, drag into a second “Setting” window.
 - Note that you can double click on the Settings to change their names.
8. Click on **HyD** to activate channel.
9. Click to activate “**Trans PMT**” (transmitted light detector), if desired.