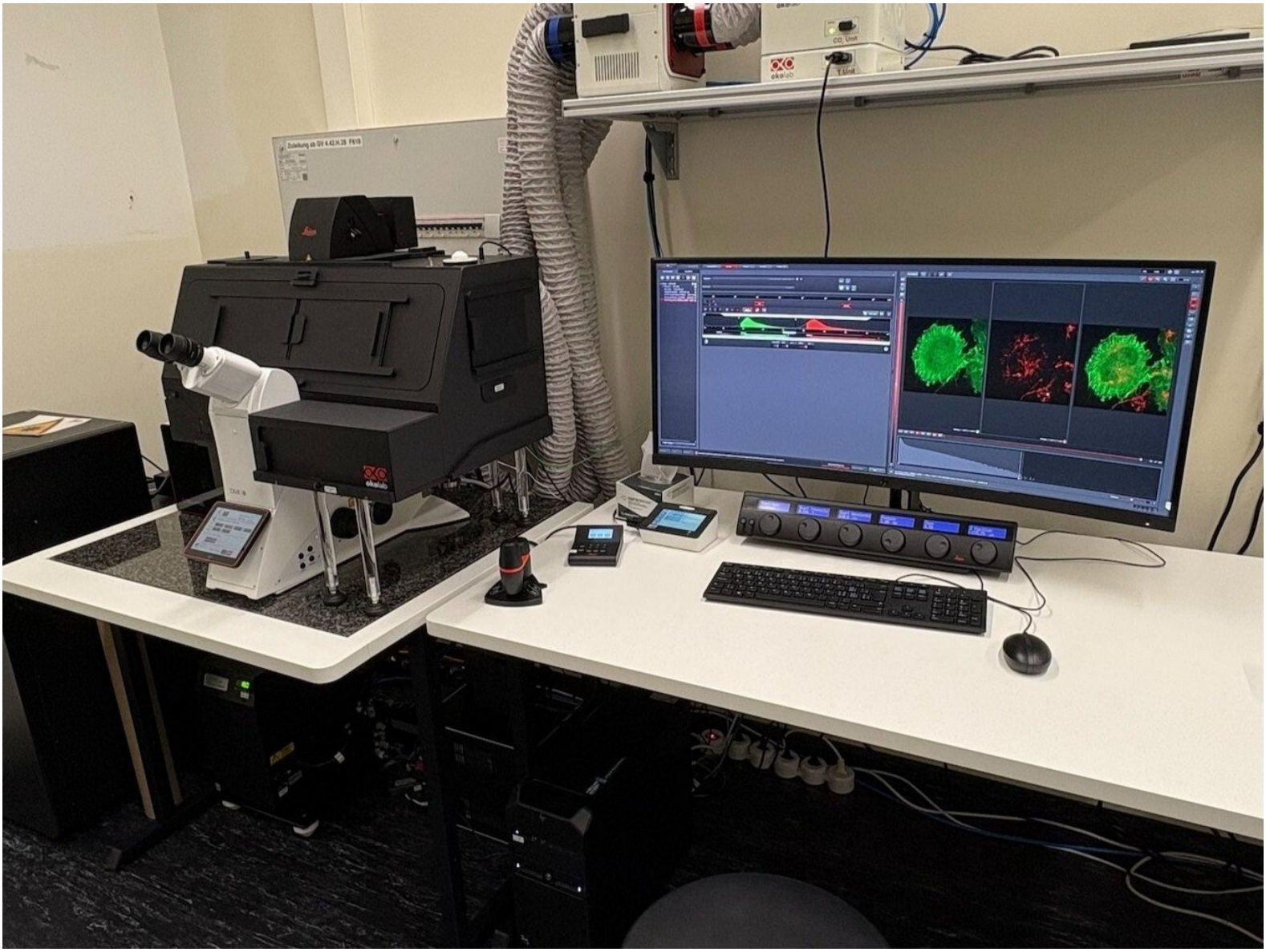
Leica Stellaris 3 (Irchel) - Shut down

How to shut down Leica Stellaris confocal laser scanning microscope located at Irchel Campus, room Y42-H-79.

Written By: Joana Raquel Delgado Martins



INTRODUCTION

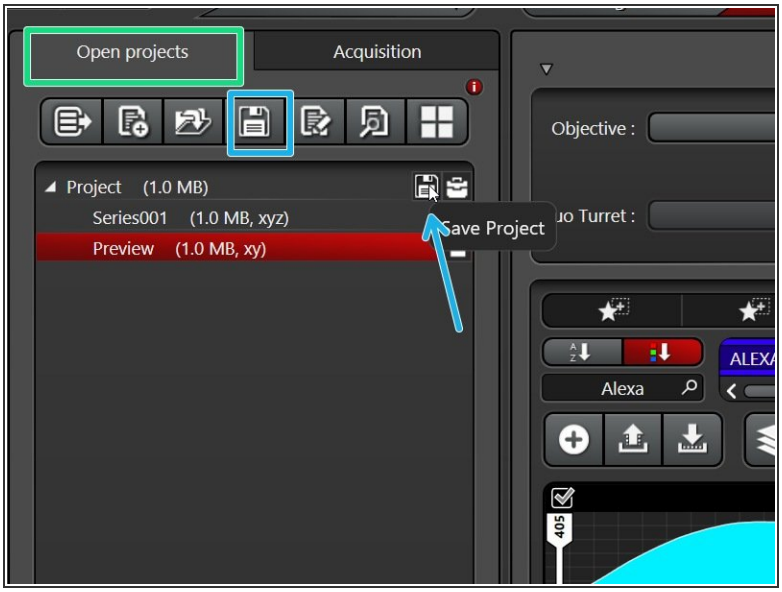
In this guide of the Center for Microscopy and Image Analysis we show how to shut down the Leica Stellaris confocal laser scanning microscope located at the Irchel Campus, room

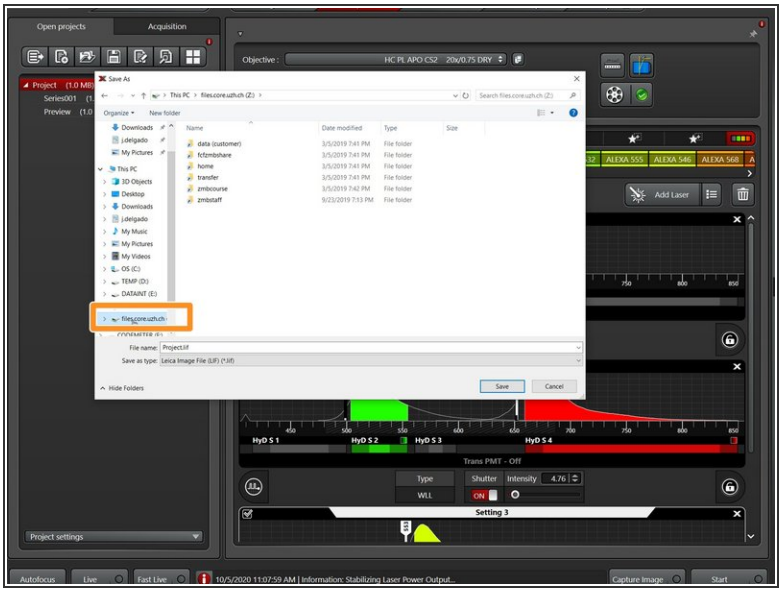
Y42-H-79.

Please find detailed information about the available systems here:

Leica Stellaris (Irchel)

Step 1 — Save your data

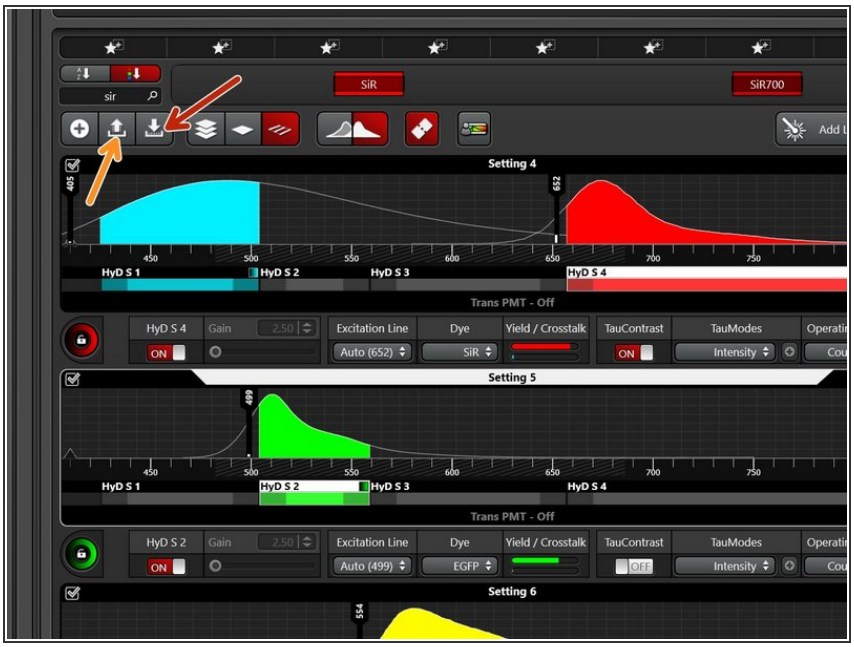




- Go to the **"Open projects"** tab.
- Click on your data file and give it a meaningful name.
- Click on the disk button to save the data. Alternatively right click on the specific "project" and choose "Save as..." from the drop down menu.
- Choose your personal zmb data path folder on **files.core.uzh.ch**.

ⓘ *Please follow our instructions here on how to access your data.*

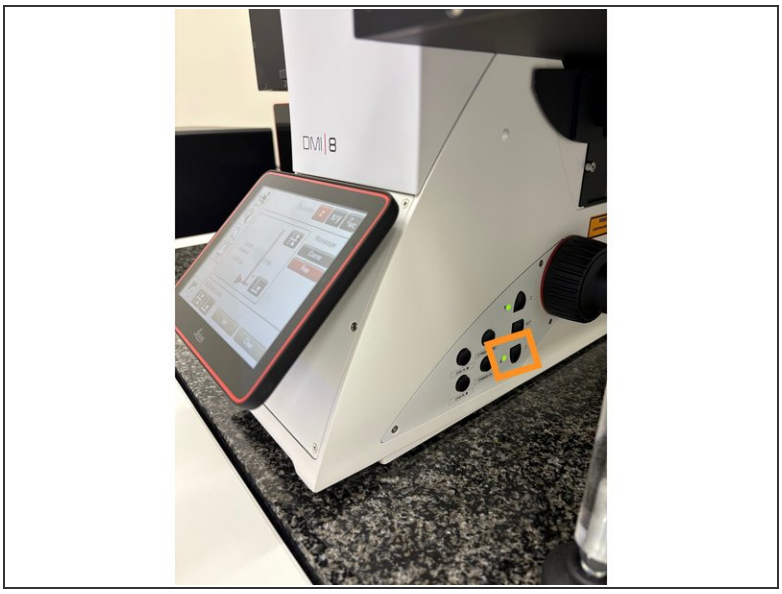
Step 2 — Save your settings



You can save your settings and reuse them by loading them in your next imaging sessions. By default the following settings will be loaded: laser intensities, detector settings, averaging and accumulation settings.

- **Save** your **(sequential) scan settings** if applicable - in Home folder.
  - In order to retrieve your saved scan settings in your next imaging session click **"Load"**.

Step 3 — Clean the objectives



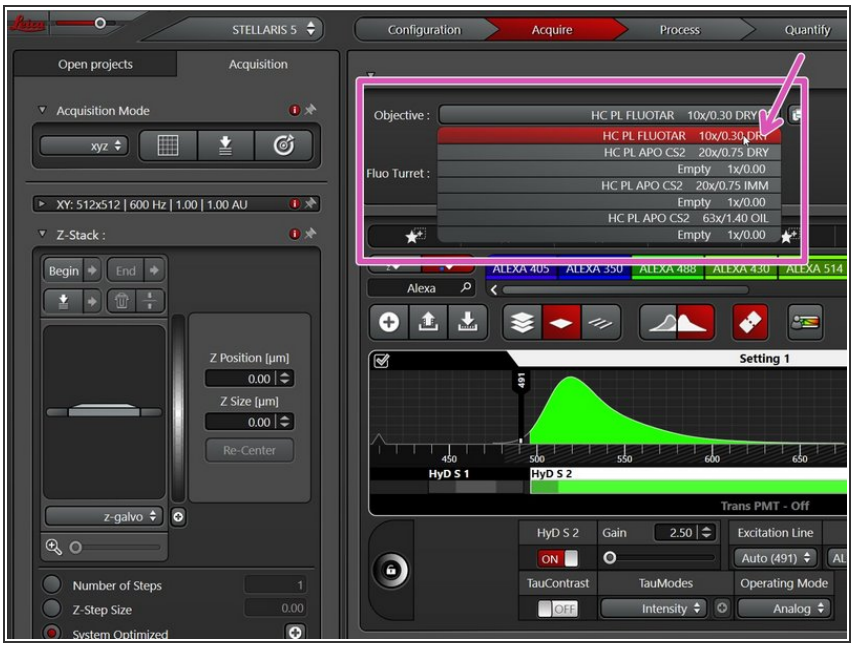


- **Lower** the **stage** and remove your sample.
- **Clean** the immersion objective(s) you have used with the available **"KIMTECH" wipes** and **100% EtOH**.

  ⚠ Always clean the lenses in concentric circles and from the center to the edge. Clean also the sides of the objective(s).

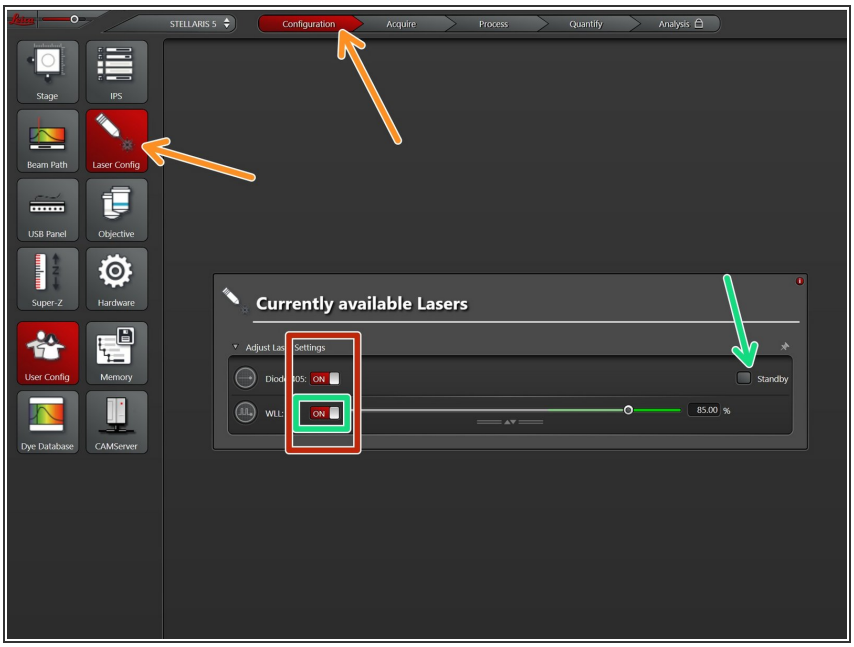
ⓘ *Please also take care that immersion media has been cleaned off of all the other microscope parts which got in touch with.*

Step 4 — Switch to the 10x objective



- Switch to the **10x dry objective** within the software.

Step 5 — Lasers and closing the "LAS X" software



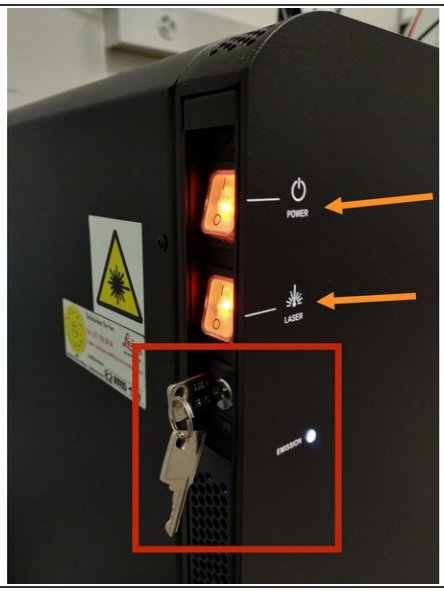
- Go to **"Configuration"** and choose **"Laser Config"**.

⚠ Check in the booking system if there is another booking within the next 2 hours.

- If **YES**:
  - keep the lasers **"ON"** or put on **"standby"**,
  - **close** the **"LAS X"** software and **Sign out** of your Windows profile.
- If **NO** :
  - **switch OFF** all lasers ,
  - **close** the **"LAS X"** software, **shut-down** the **PC** and follow the next step.

Step 6 — Switching OFF hardware





⚠ Only follow this step if there is no booking within the next two hours.

- Turn off the **Laser unit** (control unit next to the microscope) and switch OFF the **"Laser"** and **"Power "** switches.
  - **LEAVE THE KEY ON!!!** - vertical position.