

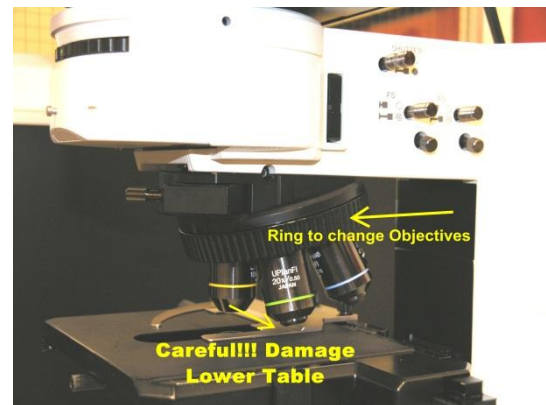
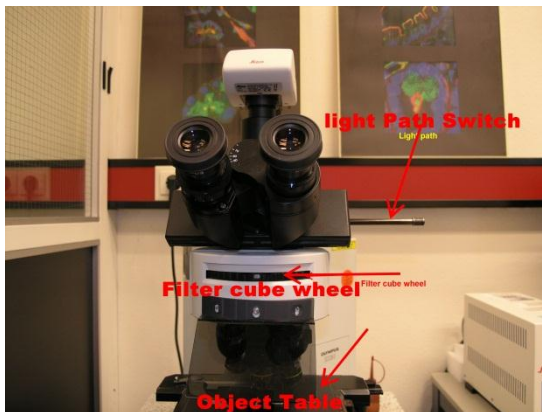
## Starting up protocol Olympus Light + Fluorescence Microscope

### Note:

- 1) Copy and remove all your data from the acquisition PC a.s.a.p., since this computer is purely for image acquisition and not for data storage!
- 2) Particular care should be taken with the objective lenses!

### Starting up:

- 1) Switch on the transmission light at the back of the microscope and turn down the object table.
- 2) Never change objectives by holding them, but use the ring.
- 3) Push the 'light-path-switch' in and turn the filter cube wheel to the '0' position.
- 4) With the 10x objective set focus and check 'köhlering'.



- 5) For fluorescence, switch on the power supply and switch off the transmission light at the back of the microscope. Turn the filter cube wheel to the appropriate position: 0 = bright field; black = DAPI; NIB = FITC; NG = TRITC

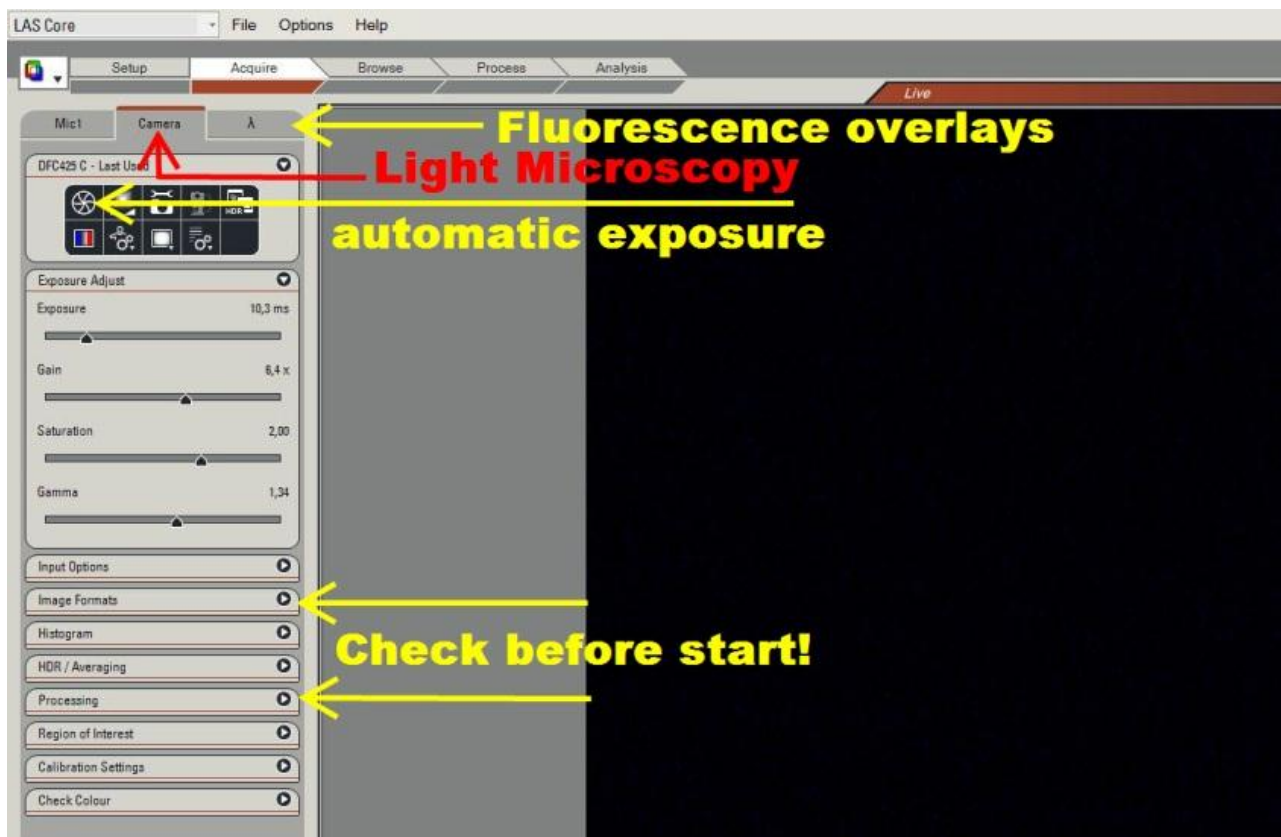
There are two shutters: one at the microscope and one at the power supply!



- 6) For photography, start up the computer (password CCI) and start the LAS V3 software, icon top left. Follow the instructions on the Light microscopy or Fluorescence microscopy sheets.

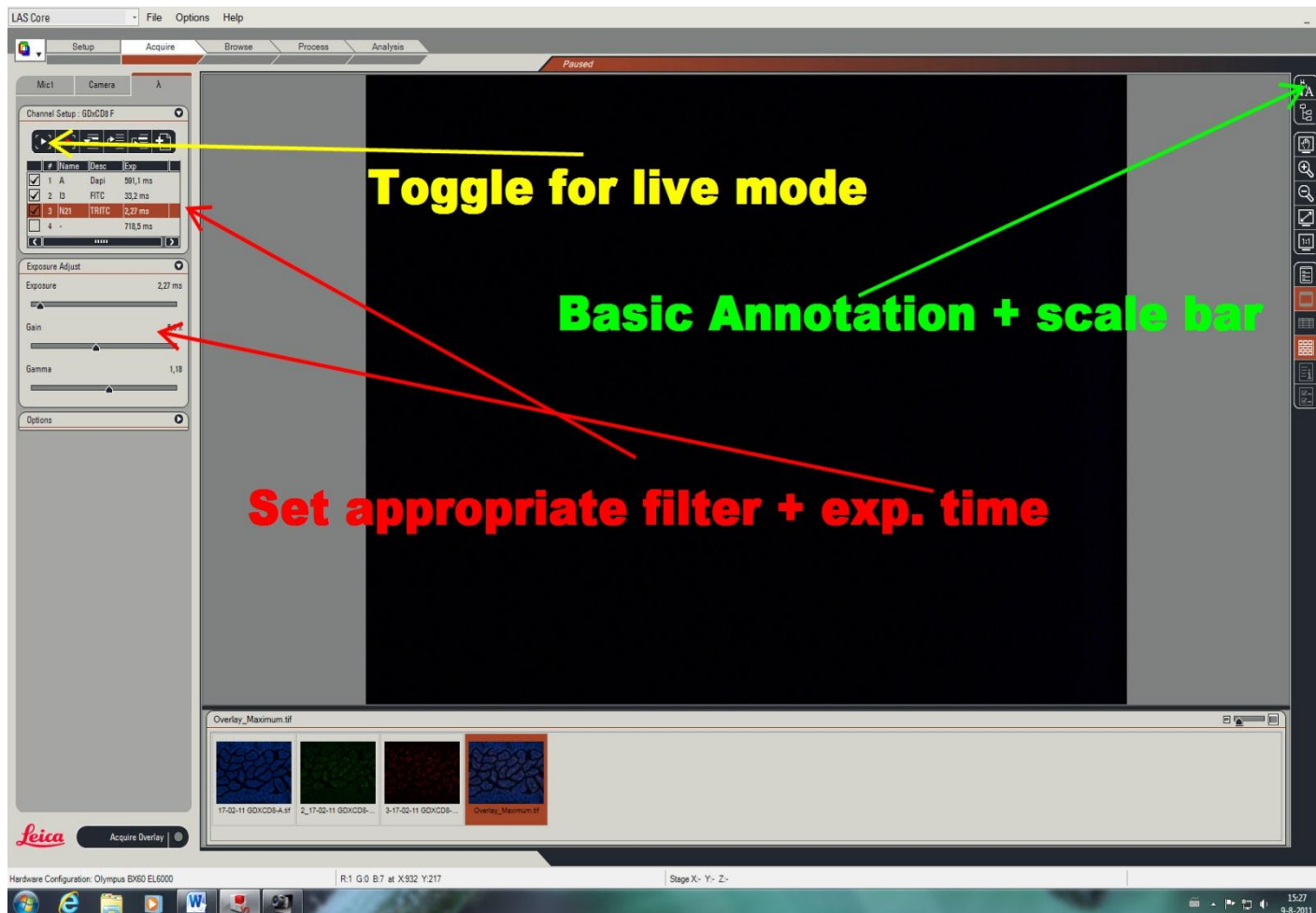
## Light Microscopy: Follow starting up protocol first!

- 1) Move the light path switch to the middle position and leave it there during your session
- 2) The software always starts up in the fluorescence mode, **go to the camera position.**
- 3) Check Image Formats and Processing!
  - You may alter the captured format, but keep it the same in future sessions
  - Do not alter the live format.
  - Under processing, sharpening should be off from 20x obj. and higher
  -Best is to use the automatic exposure setting.
- 4) Do not touch the table when taking Photo's!



**Finished? : switch off microscope, save your data on a memory stick, remove data of a previous session from your map and shut down the computer.**





**Finished? : Switch off microscope and fluorescence lamp, save data on a memory stick,**

**Remove data of a previous session from your map and shut down the computer.**