Computer is always "ON"

 Meta is closed

Turning "ON" the microscope.

Follow the order written on parts:

1, 2, 3 Lambda, 4 microscope controller,

next camera, XCite, Lasers

do not turn ON little box OLYMPUS AD-USB-ODB, turn it on only after META is ON

turn the laser key ON (LED lights are white)

open Coherent connection

click "Stop all"

white color goes "OFF" switch to blue

Close Coherent connection

Open Coherent MM configuration

Click on MULTY once

unclick Delay for all tipe of lasers

Save

Exit

Go to XLed---> Control Panel

Jast open-close to esure XCite connection

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open Meta

Microscope task bar will change to interactive layout

If light intensity menu is not apperes on the left go to Journal

under Journal go to

Task bars

Load

To set autofocus:

choose DIC or FL light

click on Live image

Set control

Start control

To set TIRF

Go to xxxxxxx programm

click Connect

Connect to lasers choose COM10

COM9 is XLED

before closing xxxxxx program

go back to "wide field"

and click "disconnect"

If problems with illumination go to

Devices and check

Configure illumination

Laser intensity

561 nm 1%

488 nm 10%

acquisition 23 us

Clampex keys:

0 laser 488

1 camera

2 561 nm

3 Meta

4 408 laser

5 perfusion

6 pulser

7 vacuum

BODYPI

1 ul+2 ml of media

5 min for staining (not 6min)

wash with Tyrode 1.8 mM Ca++ 3 times (not 2 times)

Calbright

2 ul Calbrite+80ul pluronic 0.4 (?? possibly 20%)mix together

718 ul of Tyrode with 1.8 mM Ca++