Quick Start – Widefield Microscope (DMi8) West Campus Imaging Core
1. Remove the microscope cover

2. Turn On the microscope control unit

3. Turn On Ultra-888 camera
4. Turn on CO2 gas valve for incubator use

5. Select the objective lens on the microscope display

6. Turn on Tokai Hit power for incubator use
Place the slide/dish on a clean surface

Use the Lens Tissue to clean the objective lens

Use Leica Type F liquid for oil immersion lenses
10. Put drop of oil on the lens of immersion objective

11. Install the slide/dish holder or the incubator

12. Install a slide or dish above the objective lens
Using your Net ID and password login to FOM lock screen

Start up Leica LAS-X software

Select the dichroic cube and set a LED source power
16 Select eyepiece button and activate Live on LAS-X

17 Select the objective lens on the display

18 Use joystick to align the sample and objective lens positions
Set a channel:
- Click on the dichroic cube icon
- Set LED power
- Click on the Start button

To set second channel:
- Click on the plus icon
- Select dichroic cube
- ......

Adjust the camera settings: exposure time and gain control (max value 270 units)
To close the LAS-X software click on the upper right window corner

Use the FOM logoff interface menu

Turn off the Tokai Hit power
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Clean the objective lens using Lens Tissue

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Turn off the CO2 gas valve

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Move the objective to home position
Turn off the microscope control unit

Turn off the Ultra-888 camera

Put the microscope cover above the instrument