

## Microscopes within the BALM facility

A video of the Nikon A1R Inverted Confocal/TIRF in use by one of our PhD students.



(<http://www.adobe.com/go/getflashplayer>)

The following is a selection of the microscope facilities available:

### Leica SP2 Upright Confocal

[Open all sections](#)



Leica SP2 Confocal system located on the 6th floor of Biosciences building. The DMIRE2 inverted microscope is equipped with spectral detector and environmental chamber, mercury and halogen lamps and is linked to UV diode laser, ArKr laser and He/Ne lasers.

### Leica SP2 Upright Confocal



Leica SP2 Confocal system located on the 6th floor of Biosciences building. The DMIRE2 inverted microscope is equipped with mercury a lamp and is linked to ArKr lasers.

### Leica SP2 Inverted Confocal



Leica SP2 Inverted Confocal on 6th floor of Biosciences with spectral detector and environmental chamber

### Nikon A1R Inverted Confocal/TIRF



Nikon A1R Inverted Confocal/TIRF on 8th floor of Biosciences with resonant scanner, environmental chamber, spectral detector, EMCCD, 'Perfect Focus System' and motorised XYZ (including piezo-Z)

### Nikon Eclipse epi-fluorescent microscope



Nikon Eclipse E600 epi-fluorescent microscope equipped with an Hamamatsu CCD camera controlled by PC/software. The microscope is located on the 6th floor of the Bioscience building.



### Olympus Widefield/TIRF



Olympus IX81 inverted widefield/epifluorescent/TIRF located on the 8th of the Bioscience building equipped with 491, 560, 640 lasers, environmental control chamber, motorised stage and two Hamamatsu CCD cameras (Orca R2 and high-speed ImageEm).

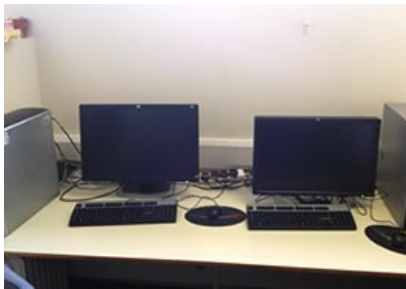
### Zeiss LSM 710 Confocor 3



Located on the 8th floor of Biosciences. Laser scanning confocal microscope with integrated fluorescence correlation spectroscopy (FCS)

In addition to training and technical assistance we also provide data analysis capabilities through our dedicated workstation

### Imaging Workstations



Two PC computers are also available at no charge (but still require a reservation through the Stratacore booking system) for imaging analysis. The computers run imaging softwares such as:

Fiji and ImageJ  
Nikon NIS-Element 4.0  
Leica LCS Lite  
Zeiss ZEN2010