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IMB

Cancer Biology Imaging Facility



Newsletter

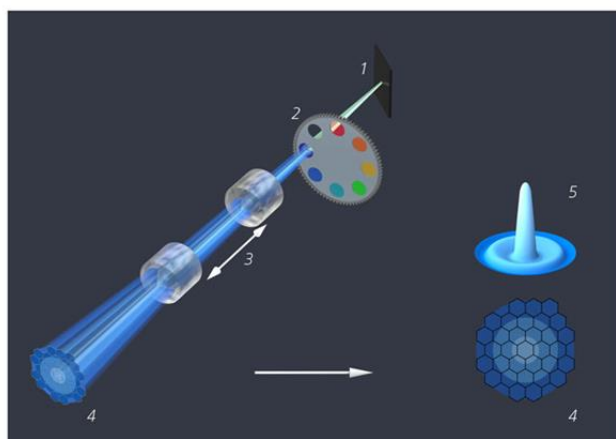
Downtime: Air Conditioning Service

The Air Conditioning units in the ceiling of the microscope rooms will be cleaned on Wednesday 27th April.

This will require the following scopes on L6N to be unavailable from 4pm Tuesday 26th - 5pm Wednesday 27th April.

Confocals 1-5, Spinning Disc and OBS

AiryScan Training



1. Mirror
2. Emission Filters
3. Zoom optics

4. Airyscan detector
5. Airy disc

An AiryScan superresolution system was recently installed on Confocal 4, users are now welcome to request AiryScan training via PPMS.

Airyscanning lets the users decide whether to gain 1.7x higher resolution in all three dimensions, resulting in a 5x smaller detection volume (140 nm laterally and 400 nm axially, at 488 nm).

[Click here for more information:](#)

Free Training and Cheap Scopes

Free Training and reduced hourly rates of \$5.50/hr are now being offered for the following microscopes:

Confocal 1

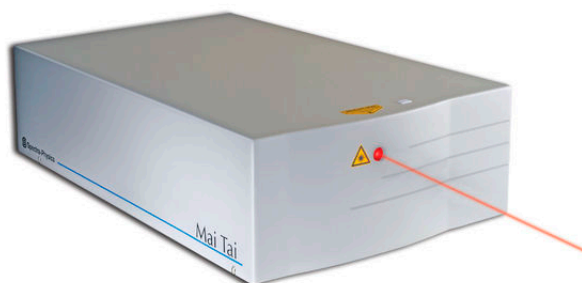
Nikon Deconvolution



DeltaVision

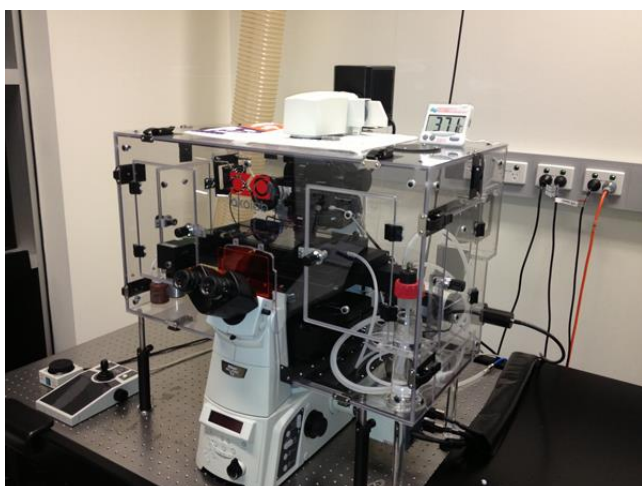
Please contact microscopy staff for further details or request training via PPMS.

Attention Multiphoton Users



Dont forget to request training on the new multiphoton laser mounted on Confocal 4, we dont know when the old laser will be retired, but it probably wont be here for much longer.

Attention Nikon Deconvolution Users



We need to perform a software and hardware upgrade in the coming weeks, if you have any urgent or important experiments planned, please contact microscopy staff, so we can plan accordingly. The upgrades are to fix ongoing bugs that cause occasional crashes to the system.

Assisted Training

Dont forget, you can always contact microscopy staff for additional assistance with your imaging requirements. Learning doesnt stop once you've had your basic



training.

microscopes@imb.uq.edu.au



Facility Manager
James Springfield
x62390 or 0423021445



Microscopy Officer
John Griffin
x62042 or 0409171475
(10am-6pm)



Microscopy Officer
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