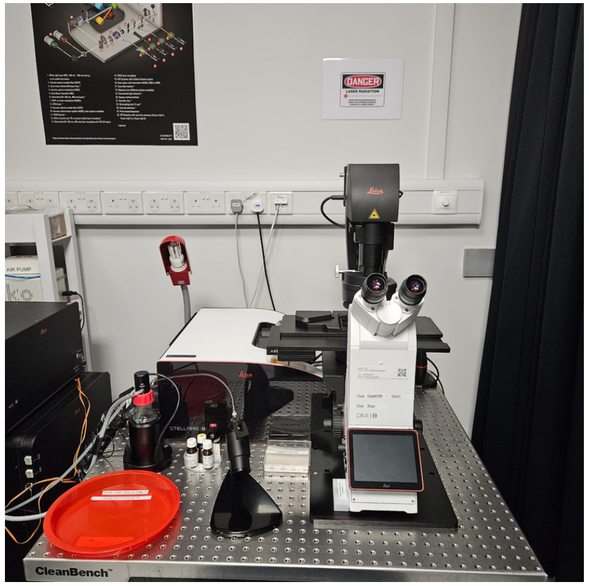
Leica Stellaris 8

Objective Lens

Magnification/NA	Immersion media	Lens type	Phase contrast	DIC	Working distance	Coverglass thickness
10x/0.4	Air	Plan APO	X	Yes	2.56 mm	0.17 mm
20x/0.75	Air	Plan APO	X	Yes	0.62 mm	0.17 mm
63x/1.40	Oil	Plan APO	X	Yes	0.14 mm	0.17 mm
63x/1.30 Glyc CORR	Glycerol	Plan APO	X	Yes	0.3 mm	0.14-0.9 mm
63x/1.20 motCORR	Water	Plan APO	X	Yes	0.3 mm	0.14-18 mm

FL Filter Wheel

Channel	Excitation	Dichroic	Emission
LED 405	405/60	455	470/40
CFP	BP436/20	-	480
FITC LP	BP 470/40	-	LP 515
RHOD LP	BP 540/45	-	LP 590



Light sources

Transmitted/Brightfield	LED		
Wide-field fluorescence	LED 3		
Lasers	**Wavelength (confocal)/ Type**	**Power**	**Notes**
	405 nm / Diode	50 mW	
	WLL (440-790 nm) with Pulse Picker. Pulse frequency 80 MHZ max. Tunable in steps of 1 nm. 8 single lines can be selected simultaneously.	3.5 mW (maximum)	*Only 5 detectors are avilable in this system

Scanner	8 kHz Tandem Scanner (switchable between resonant and non-resonant mode)
Microscope body	DMi8 CS Premium
Scan mode	xzy, xzt, xzyt, xzλ, xzλt
Advanced Scan mode	xzΛ, xyzΛ t, xyzΛ, xyλΛ, xz λΛ
Stage	Super Z Galvo Stage
Sample formats	Adaptors for slide, chambered slide holder & 35 mm glass bottom dish
Incubator	Stage top Okolab incubating system including humidity sensor & CO2 mixer for chambered slide holder & 35 mm glass bottom dish
	Temperature adjustable from room temperature to 50°C
Software	LASX

Functions

FLIM, Spectrum imaging, Live cell imaging, Confocal + deconvolution