

<b>Location</b>	Room 7020 (PC2 facility), Doherty Institute, Department of Microbiology & Immunology, University of Melbourne.						
<b>Stand</b>	Inverted Axio Observer.Z1 SP						
<b>Illumination</b>	<b>Transmitted</b>			<b>Fluorescence</b>			
	Hal 100 (Halogen 12V 100W)			X-cite® 120Q (Mercury Arc 120W )			
<b>Filters</b>	<b>Name</b>	<b>Excitation</b>	<b>Dichroic</b>	<b>Emission</b>			
	10 AF488	BP 450-490	FT510	BP 515-565	488010-0000		
	20 Rhod	BP 546/12	FT560	BP 575-640	488020-0000		
	49 DAPI	G 365	FT395	BP 445/50	488049-0000		
<b>Lasers</b>	<b>Type</b>		<b>Wavelength</b>			<b>Maximum output</b>	
	Diode		405nm			5mW	
	Diode		488nm			10mW	
	Diode		555nm			10mW	
	Diode		639nm			5mW	
<b>Stage control</b>	Motorised stage control with z-stack, tile scan and point visiting capability						
<b>Objectives Specification</b>	<b>Magnification</b>	<b>Type</b>	<b>NA</b>	<b>Working distance</b>	<b>Coverslip Thickness</b>		<b>Resolution at 550nm</b>
EC Plan-Neofluar 420340-9901	10x	Air	0.3	5.2 mm	0.17 (#1.5)	.	lateral:733 axial:1746
Plan-Apochromat 420650-9901	20x	Air	0.8	0.55mm	0.17 (#1.5)	.	lateral:275 axial:655
Plan-Apochromat 420792-9900	100x	Oil	1.4	0.17mm	0.17 (#1.5)	DIC	lateral:157 axial:374
<b>Detectors</b>	<b>#</b>	<b>Type</b>	<b>Details</b>				
	2	PMT	Fluorescence detectors				
	1	T-PMT	Transmitted light				
<b>Software</b>	Zen 2012						
<b>Holder</b>	Slides / dish insert (with heated stage)						
<b>Applications</b>	Fixed tissue / Live cell imaging with heated chambers and gas controls						
<b>File Saving</b>	External USB / Via internal network						
<b>Extra features</b>							