



## Leica TCS SP5 Confocal Laser Scanning Microscope

<b>Stand</b>	DM6000 CFS upright microscope
<b>Software</b>	LAS-AF
<b>Lasers</b>	65 mW argon laser (458, 476, 488, 496, 514 nm lines), 20 mW DPSS laser (561 nm), 10 mW HeNe laser (633 nm)
<b>Detectors</b>	3x PMT
<b>Light sources &amp; filters (for eyepiece viewing)</b>	Halogen lamp for brightfield and HXP lamp with GFP/Texas Red filters for epifluorescence
<b>Compatible sample types</b>	Intravital live tissue, fixed/cleared samples on slide-mounted coverslip (0.17 mm), open 35+mm dishes, open pinned tissue
<b>Objective lenses</b>	20x/1.0 W Apo (2.0 mm WD) as standard. Also available on request: 10x/0.3 W Apo (3.6 mm WD), 63x/0.9 W Apo (2.2 mm WD), 63x/1.4 oil Plan Apo (0.14 mm WD)
<b>Live imaging capability</b>	Heated base only, suited to intravital work and short-term live cell work (no CO2 control)
<b>Motorisation</b>	Motorised Z axis
<b>Advanced microscopy features</b>	High-speed imaging with optional 8 kHz resonant scanner

This equipment is part of the CMR Advanced Bio-imaging Facility based at Charterhouse Square. This is a multi-user facility available to internal and external researchers; for access and information, please contact the facility manager, Dr Rebecca Saleeb ([r.Saleeb@qmul.ac.uk](mailto:r.Saleeb@qmul.ac.uk)).